Thomas W L Scheeren

List of Publications by Year
in descending order

197	5,545	85707 38	106894 65
papers	citations	h-index	g-index

203	203	203	6653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effects of respiratory rate and tidal volume on pulse pressure variation in healthy lungsâ€“a generalized additive model approach may help overcome limitations. Journal of Clinical Monitoring and Computing, 2024, 38, 57-67.	1.7	0
2	Can perioperative pCO2 gaps predict complications in patients undergoing major elective abdominal surgery randomized to goal-directed therapy or standard care? A secondary analysis. Journal of Clinical Monitoring and Computing, 2024, 38, 469-477.	1.7	1
3	Mitral Valve Coaptation Reserve Index: A Model to Localize Individual Resistance to Mitral Regurgitation Caused by Annular Dilation. Journal of Cardiothoracic and Vascular Anesthesia, 2023, 37, 690-697.	1.3	1
4	The contemporary pulmonary artery catheter. PartÂ1: placement and waveform analysis. Journal of Clinical Monitoring and Computing, 2022, 36, 5-15.	1.7	24
5	The contemporary pulmonary artery catheter. Part 2: measurements, limitations, and clinical applications. Journal of Clinical Monitoring and Computing, 2022, 36, 17-31.	1.7	37
6	Comparison of renal region, cerebral and peripheral oxygenation for predicting postoperative renal impairment after CABG. Journal of Clinical Monitoring and Computing, 2022, 36, 735-743.	1.7	6
7	Early Thromboembolic Stroke Risk of Postoperative Atrial Fibrillation Following Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 807-814.	1.3	2
8	Monitoring, management, and outcome of hypotension in Intensive Care Unit patients, an international survey of the European Society of Intensive Care Medicine. Journal of Critical Care, 2022, 67, 118-125.	2.3	12
9	The use of a vascular occlusion test combined with near-infrared spectroscopy in perioperative care: a systematic review. Journal of Clinical Monitoring and Computing, 2022, 36, 933-946.	1.7	5
10	Prospective, randomized, controlled, double-blind, multi-center, multinational study on the safety and efficacy of 6% Hydroxyethyl starch (HES) sOlution versus an Electrolyte solutioN In patients undergoing eleCtive abdominal Surgery: study protocol for the PHOENICS study. Trials, 2022, 23, 168.	1.7	8
11	What is new in microcirculation and tissue oxygenation monitoring?. Journal of Clinical Monitoring and Computing, 2022, 36, 291-299.	1.7	8
12	Patient monitoring, wearable devices, and the healthcare information ecosystem. British Journal of Anaesthesia, 2022, 128, 756-758.	3.3	18
13	An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock. Journal of Critical Care, 2022, 68, 144-154.	2.3	20
14	<scp>Transfusion practice</scp> in the bleeding critically ill: An international online surveyâ€”The <scp>TRACE</scp>â€2 survey. Transfusion, 2022, 62, 324-335.	1.8	5
15	Current practice and evolving concepts in septic shock resuscitation. Intensive Care Medicine, 2022, 48, 148-163.	8.2	67
16	Mild hypothermia during cardiopulmonary bypass assisted CABG is associated with improved short- and long-term survival, a 18-year cohort study. PLoS ONE, 2022, 17, e0273370.	2.5	2
17	â€˜If you don't take a temperature, you can't find a feverâ€™: relevance to continuous arterial pressure monitoring. British Journal of Anaesthesia, 2022, , .	3.3	0
18	The effect of compliance with a perioperative goal-directed therapy protocol on outcomes after high-risk surgery: a before-after study. Journal of Clinical Monitoring and Computing, 2021, 35, 1193-1202.	1.7	6

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19	Comparison of haemodynamic- and electroencephalographic-monitored effects evoked by four combinations of effect-site concentrations of propofol and remifentanil, yielding a predicted tolerance to laryngoscopy of 90%. Journal of Clinical Monitoring and Computing, 2021, 35, 815-825.	1.7	6
20	Metrology part 1: definition of quality criteria. Journal of Clinical Monitoring and Computing, 2021, 35, 17-25.	1.7	23
21	Metrology part 2: Procedures for the validation of major measurement quality criteria and measuring instrument properties. Journal of Clinical Monitoring and Computing, 2021, 35, 27-37.	1.7	11
22	Perioperative echocardiography-guided hemodynamic therapy in high-risk patients: a practical expert approach of hemodynamically focused echocardiography. Journal of Clinical Monitoring and Computing, 2021, 35, 229-243.	1.7	12
23	Cardiac output estimation using pulse wave analysisâ€"physiology, algorithms, and technologies: a narrative review. British Journal of Anaesthesia, 2021, 126, 67-76.	3.3	81
24	The effect of moderate intraoperative blood loss and norepinephrine therapy on sublingual microcirculatory perfusion in patients having open radical prostatectomy. European Journal of Anaesthesiology, 2021, 38, 459-467.	1.8	6
25	Current use of inotropes in circulatory shock. Annals of Intensive Care, 2021, 11, 21.	4.9	44
26	Dobutamine-sparing versus dobutamine-to-all strategy in cardiac surgery: a randomized noninferiority trial. Annals of Intensive Care, 2021, 11, 15.	4.9	12
27	Artificial Intelligence and Predictive Analytics. , 2021, , 287-293.		0
28	Ensemble machine learning prediction and variable importance analysis of 5-year mortality after cardiac valve and CABG operations. Scientific Reports, 2021, 11, 3467.	3.4	5
29	Perioperative Optimierung mittels auf die HÃmodynamik fokussierter Echokardiographie bei HochrisikopatientenÂâ€“ eine Praxisanleitung. Der Anaesthesist, 2021, 70, 772-784.	0.9	7
30	Very early creatinine changes and 30-day mortality after cardiac surgery. European Journal of Anaesthesiology, 2021, 38, 665.	1.8	1
31	VitalDB: fostering collaboration in anaesthesia research. British Journal of Anaesthesia, 2021, 127, 184-187.	3.3	11
32	Existing fluid responsiveness studies using the miniâ€fluid challenge may be misleading: Methodological considerations and simulations. Acta Anaesthesiologica Scandinavica, 2021, , .	1.7	4
33	Perioperative Hemodynamic Monitoring. Anesthesiology Clinics, 2021, 39, 441-456.	1.3	6
34	Cerebral monitoring in surgical ICU patients. Current Opinion in Critical Care, 2021, 27, 701-708.	3.4	3
35	High Versus Normal Blood Pressure Targets in Relation to Right Ventricular Dysfunction After Cardiac Surgery: A Randomized Controlled Trial. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2980-2990.	1.3	2
36	Definition and incidence of hypotension in intensive care unit patients, an international survey of the European Society of Intensive Care Medicine. Journal of Critical Care, 2021, 65, 142-148.	2.3	16

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37	Perioperative goal-directed therapy in high-risk abdominal surgery. A multicenter randomized controlled superiority trial. Journal of Clinical Anesthesia, 2021, 75, 110506.	1.8	23
38	Plasma from patients undergoing coronary artery bypass graft surgery does not activate endothelial cells under shear stress in vitro. International Journal of Critical Illness and Injury Science, 2021, 11, 142.	0.6	1
39	To a new chapter. Journal of Clinical Monitoring and Computing, 2021, 35, 1-2.	1.7	3
40	Pulse Wave Analysis to Estimate Cardiac Output. Anesthesiology, 2021, 134, 119-126.	2.7	60
41	Do alterations in pulmonary vascular tone result in changes in central blood volumes? An experimental study. Intensive Care Medicine Experimental, 2021, 9, 59.	2.0	1
42	The response of a standardized fluid challenge during cardiac surgery on cerebral oxygen saturation measured with near-infrared spectroscopy. Journal of Clinical Monitoring and Computing, 2020, 34, 245-251.	1.7	4
43	Low serum albumin levels and new-onset atrial fibrillation in the ICU: a prospective cohort study. Journal of Critical Care, 2020, 56, 26-30.	2.3	13
44	Monitoring of the Sublingual Microcirculation During Cardiac Surgery: Current Knowledge and Future Directions. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2754-2765.	1.3	15
45	Ability of an Arterial Waveform Analysisâ€“Derived Hypotension Prediction Index to Predict Future Hypotensive Events in Surgical Patients. Anesthesia and Analgesia, 2020, 130, 352-359.	2.4	136
46	Rotational thromboelastometry to assess hypercoagulability in COVID-19 patients. Thrombosis Research, 2020, 196, 379-381.	1.7	23
47	Improved haemodynamic stability and cerebral tissue oxygenation after induction of anaesthesia with sufentanil compared to remifentanil: a randomised controlled trial. BMC Anesthesiology, 2020, 20, 258.	1.9	4
48	Risk and prognosis of COVID-19 in patients treated with reninâ€“angiotensinâ€“aldosterone inhibitors. European Journal of Anaesthesiology, 2020, 37, 739-742.	1.8	2
49	Continuous noninvasive pulse wave analysis using finger cuff technologies for arterial blood pressure and cardiac output monitoring in perioperative and intensive care medicine: a systematic review and meta-analysis. British Journal of Anaesthesia, 2020, 125, 25-37.	3.3	81
50	Cerebral oxygenation during pediatric congenital cardiac surgery and its association with outcome: a retrospective observational study. Canadian Journal of Anaesthesia, 2020, 67, 1170-1181.	1.4	5
51	The Reduction in Right Ventricular Longitudinal Contraction Parameters Is Not Accompanied by a Reduction in General Right Ventricular Performance During Aortic Valve Replacement: An Explorative Study. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2140-2147.	1.3	7
52	Journal of Clinical Monitoring and Computing end of year summary 2019: hemodynamic monitoring and management. Journal of Clinical Monitoring and Computing, 2020, 34, 207-219.	1.7	3
53	Non-invasive oscillometric versus invasive arterial blood pressure measurements in critically ill patients: A post hoc analysis of a prospective observational study. Journal of Critical Care, 2020, 57, 118-123.	2.3	26
54	Hypotension Prediction Index: from proof-of-concept to proof-of-feasibility. Journal of Clinical Monitoring and Computing, 2020, 34, 1135-1138.	1.7	11

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55	Journal of Clinical Monitoring and Computing 2019 end of year summary: monitoring tissue oxygenation and perfusion and its autoregulation. Journal of Clinical Monitoring and Computing, 2020, 34, 389-395.	1.7	3
56	A glimpse into the future of postoperative arterial blood pressure monitoring. British Journal of Anaesthesia, 2020, 125, 113-115.	3.3	15
57	This is your toolkit in hemodynamic monitoring. Current Opinion in Critical Care, 2020, 26, 303-312.	3.4	4
58	Feasibility of cardiac output measurements in critically ill patients by medical students. Ultrasound Journal, 2020, 12, 1.	3.3	15
59	Dislodged Tip of Damaged Central Venous Catheter After Radiofrequent Cox-Maze IV Procedure: An aMAZING Finding. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2363-2365.	1.3	0
60	New Developments in Hemodynamic Monitoring. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, S67-S72.	1.3	51
61	Predicting vital sign deterioration with artificial intelligence or machine learning. Journal of Clinical Monitoring and Computing, 2019, 33, 949-951.	1.7	24
62	Preface on advances in hemodynamic monitoring in perioperative medicine. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 125-126.	4.3	0
63	Which type of fluid to use perioperatively?. Journal of Emergency and Critical Care Medicine, 2019, 3, 51-51.	0.8	2
64	Transfusion practice in the non-bleeding critically ill: an international online surveyâ€"the TRACE survey. Critical Care, 2019, 23, 309.	6.0	43
65	International point prevalence study of Intensive Care Unit transfusion practicesâ€"Pilot study in the Netherlands. Transfusion Clinique Et Biologique, 2019, 26, 202-208.	0.5	2
66	The diagnostic accuracy of clinical examination for estimating cardiac index in critically ill patients: the Simple Intensive Care Studies-I. Intensive Care Medicine, 2019, 45, 190-200.	8.2	38
67	The â€˜5 Tsâ€™ of perioperative goal-directed haemodynamic therapy. British Journal of Anaesthesia, 2019, 123, 103-107.	3.3	29
68	Perioperative goal-directed therapy â€“ What is the evidence?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 179-187.	4.3	20
69	Propofol improves colonic but impairs hepatic mitochondrial function in tissue homogenates from healthy rats. European Journal of Pharmacology, 2019, 853, 364-370.	3.6	5
70	Predicting hypotension in perioperative and intensive care medicine. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 189-197.	4.3	25
71	Disagreement in cardiac output measurements between fourth-generation FloTrac and critical care ultrasonography in patients with circulatory shock: a prospective observational study. Journal of Intensive Care, 2019, 7, 21.	2.9	7
72	Oxygen Reserve Index: Validation of a New Variable. Anesthesia and Analgesia, 2019, 129, 409-415.	2.4	47

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73	Current use of vasopressors in septic shock. Annals of Intensive Care, 2019, 9, 20.	4.9	117
74	Journal of clinical monitoring and computing end of year summary 2018: hemodynamic monitoring and management. Journal of Clinical Monitoring and Computing, 2019, 33, 211-222.	1.7	7
75	Early improvement in severely ill patients with pneumonia treated with ceftobiprole: a retrospective analysis of two major trials. BMC Infectious Diseases, 2019, 19, 195.	3.0	19
76	Incidence of Massive Transfusion and Overall Transfusion Requirements During Lung Transplantation Over a 25-Year Period. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2478-2486.	1.3	20
77	Journal of Clinical Monitoring and Computing 2017/2018 end of year summary: monitoringâ€"and provocationâ€"of the microcirculation and tissue oxygenation. Journal of Clinical Monitoring and Computing, 2019, 33, 201-209.	1.7	13
78	The haemodynamic instability score. European Journal of Anaesthesiology, 2019, 36, 290-296.	1.8	17
79	Arterial Blood Pressure. Lessons From the ICU, 2019, , 233-245.	0.0	0
80	Clinical Examination for the Prediction of Mortality in the Critically Ill: The Simple Intensive Care Studies-I. Critical Care Medicine, 2019, 47, 1301-1309.	0.9	17
81	Distribution of perioperative stroke in cardiac surgery. European Journal of Neurology, 2019, 26, 184-190.	3.6	16
82	Perioperative goal-directed therapy: whatâ€™s the best study design to investigate its impact on patient outcome?. Journal of Clinical Monitoring and Computing, 2019, 33, 361-363.	1.7	6
83	Using extra systoles and the micro-fluid challenge to predict fluid responsiveness during cardiac surgery. Journal of Clinical Monitoring and Computing, 2019, 33, 777-786.	1.7	9
84	Dopamine in critically ill patients with cardiac dysfunction: A systematic review with metaâ€analysis and trial sequential analysis. Acta Anaesthesiologica Scandinavica, 2019, 63, 424-437.	1.7	12
85	Electroencephalography and Brain Oxygenation Monitoring in the Perioperative Period. Anesthesia and Analgesia, 2019, 128, 265-277.	2.4	58
86	Intraoperative hypotension and its prediction. Indian Journal of Anaesthesia, 2019, 63, 877.	0.8	30
87	Journal of Clinical Monitoring and Computing 2017 end of year summary: cardiovascular and hemodynamic monitoring. Journal of Clinical Monitoring and Computing, 2018, 32, 189-196.	1.7	3
88	Acute Kidney Injury Classification Underestimates Long-Term Mortality After Cardiac Valve Operations. Annals of Thoracic Surgery, 2018, 106, 92-98.	1.4	27
89	Challenge of the Mini-fluid Challenge: Filling Twice without Creating a Self-fulfilling Prophecy Design. Anesthesiology, 2018, 128, 1043-1044.	2.7	8
90	EMA recommendation to suspend HES is hazardous. Lancet, The, 2018, 391, 736-738.	12.1	33

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91	Second consensus on the assessment of sublingual microcirculation in critically ill patients: results from a task force of the European Society of Intensive Care Medicine. Intensive Care Medicine, 2018, 44, 281-299.	8.2	325
92	Saline studies: how (not) to put nails in the coffin. British Journal of Anaesthesia, 2018, 120, 203-205.	3.3	1
93	Understanding the carbon dioxide gaps. Current Opinion in Critical Care, 2018, 24, 181-189.	3.4	40
94	Phenylephrine increases cardiac output by raising cardiac preload in patients with anesthesia induced hypotension. Journal of Clinical Monitoring and Computing, 2018, 32, 969-976.	1.7	48
95	The effect of fluid resuscitation on the effective circulating volume in patients undergoing liver surgery: a post-hoc analysis of a randomized controlled trial. Journal of Clinical Monitoring and Computing, 2018, 32, 73-80.	1.7	10
96	Effects of Intraoperative Fluid Management on Postoperative Outcomes. Annals of Surgery, 2018, 267, 1084-1092.	4.5	178
97	Goal-directed therapy: hit early and personalize!. Journal of Clinical Monitoring and Computing, 2018, 32, 375-377.	1.7	16
98	The oxygen reserve index (ORI): a new tool to monitor oxygen therapy. Journal of Clinical Monitoring and Computing, 2018, 32, 379-389.	1.7	86
99	Impaired right ventricular ejection fraction after cardiac surgery is associated with a complicated ICU stay. Journal of Intensive Care, 2018, 6, 85.	2.9	16
100	Extrasystoles for fluid responsiveness prediction in critically ill patients. Journal of Intensive Care, 2018, 6, 52.	2.9	8
101	Is there still a place for the Swanâ€“Ganz catheter? No. Intensive Care Medicine, 2018, 44, 957-959.	8.2	11
102	The potential power and hidden hazards of Trial Sequential Analysis regarding viscoelastic blood tests in cardiac surgery. Comment on Br J Anaesth 2017; 118: 823â€“33. British Journal of Anaesthesia, 2018, 121, 977-978.	3.3	0
103	Perioperative goalâ€directed therapy: A systematic review without metaâ€analysis. Acta Anaesthesiologica Scandinavica, 2018, 62, 1340-1355.	1.7	40
104	Albumin, a marker for post-operative myocardial damage in cardiac surgery. Journal of Critical Care, 2018, 47, 55-60.	2.3	17
105	Predictive value of serum albumin levels on noradrenaline and fluid requirements in the first 24â€¯h after admission to the Intensive Care Unit â€" A prospective observational study. Journal of Critical Care, 2018, 47, 99-103.	2.3	5
106	Journal of Clinical Monitoring and Computing 2016 end of year summary: cardiovascular and hemodynamic monitoring. Journal of Clinical Monitoring and Computing, 2017, 31, 5-17.	1.7	7
107	Journal of clinical monitoring and computing 2016 end of year summary: monitoring cerebral oxygenation and autoregulation. Journal of Clinical Monitoring and Computing, 2017, 31, 241-246.	1.7	17
108	Can Passive Leg Raising Be Considered the Gold Standard in Predicting Fluid Responsiveness?. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1075-1076.	6.6	6

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109	Prophylactic atropine administration attenuates the negative haemodynamic effects of induction of anaesthesia with propofol and high-dose remifentanil. European Journal of Anaesthesiology, 2017, 34, 695-701.	1.8	19
110	Norepinephrine in septic shock: when and how much?. Current Opinion in Critical Care, 2017, 23, 342-347.	3.4	40
111	More hemodynamic monitoring for personalized treatment in circulatory failure. Current Opinion in Critical Care, 2017, 23, 291-292.	3.4	0
112	Minimally invasive cardiac output technologies in the ICU: putting it all together. Current Opinion in Critical Care, 2017, 23, 302-309.	3.4	22
113	Neuronal damage biomarkers in the identification of patients at risk of long-term postoperative cognitive dysfunction after cardiac surgery. Anaesthesia, 2017, 72, 359-369.	3.9	57
114	Influence of Bayesian optimization on the performance of propofol target-controlled infusion. British Journal of Anaesthesia, 2017, 119, 918-927.	3.3	15
115	Methodology in systematic reviews of goal-directed therapy: improving but not perfect. British Journal of Anaesthesia, 2017, 119, 18-21.	3.3	3
116	Intracardiac Mass of Unknown Origin. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1145-1147.	1.3	1
117	Digging into the microcirculation: the rush for gold may excavate apples and oranges. Journal of Clinical Monitoring and Computing, 2017, 31, 665-667.	1.7	4
118	Now You See Me, Now You Donâ€™t. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 229-230.	1.3	1
119	Ultrasound-guided central venous catheter placement: a structured review and recommendations for clinical practice. Critical Care, 2017, 21, 225.	6.0	278
120	Ultrasound-guided central venous catheter placement: first things first. Critical Care, 2017, 21, 331.	6.0	7
121	Continuous non-invasive haemodynamic monitoring. European Journal of Anaesthesiology, 2017, 34, 713-715.	1.8	5
122	Journal of Clinical Monitoring and Computing 2015 end of year summary: tissue oxygenation and microcirculation. Journal of Clinical Monitoring and Computing, 2016, 30, 141-146.	1.7	16
123	Cardiac output monitoring: less invasiveness, less accuracy?. Journal of Clinical Monitoring and Computing, 2016, 30, 753-755.	1.7	12
124	How to â€œvalidateâ€•newly developed cardiac output monitoring devices. Journal of Clinical Monitoring and Computing, 2016, 30, 147-148.	1.7	3
125	Advanced hemodynamic monitoring in the critically ill patient: Nice to have or need to treat?. Journal of Clinical Monitoring and Computing, 2016, 30, 507-508.	1.7	2
126	Do intravascular hypo- and hypervolaemia result in changes in central blood volumes?. British Journal of Anaesthesia, 2016, 116, 46-53.	3.3	6

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127	The Validity of Eadyn in Spontaneously Breathing Patients. Anesthesia and Analgesia, 2015, 121, 1400.	2.4	1
128	Differential effects of phenylephrine and norepinephrine on peripheral tissue oxygenation during general anaesthesia. European Journal of Anaesthesiology, 2015, 32, 571-580.	1.8	41
129	Ceftobiprole medocaril in the treatment of hospital-acquired pneumonia. Future Microbiology, 2015, 10, 1913-1928.	2.0	19
130	Noninvasive pulse pressure variation and stroke volume variation to predict fluid responsiveness at multiple thresholds: a prospective observational study. Canadian Journal of Anaesthesia, 2015, 62, 1153-1160.	1.4	33
131	Effects of Cell-Saving Devices and Filters on Transfusion in Cardiac Surgery: A Multicenter Randomized Study. Annals of Thoracic Surgery, 2015, 99, 26-32.	1.4	25
132	Effects of levosimendan for low cardiac output syndrome in critically ill patients: systematic review with meta-analysis and trial sequential analysis. Intensive Care Medicine, 2015, 41, 203-221.	8.2	72
133	Reply from the authors: Are we ready for non-invasive blood pressure monitoring?â€”reply. British Journal of Anaesthesia, 2015, 115, 130-131.	3.3	0
134	Journal of clinical monitoring and computing 2014 end of year summary: near infrared spectroscopy (NIRS). Journal of Clinical Monitoring and Computing, 2015, 29, 217-220.	1.7	11
135	Novel hemostatic patch achieves sutureless epicardial wound closure during complex cardiac surgery, a case report. Journal of Cardiothoracic Surgery, 2015, 10, 12.	1.1	3
136	Tissue oxygenation as a target for goal-directed therapy in high-risk surgery: a pilot study. BMC Anesthesiology, 2014, 14, 122.	1.9	23
137	Green light for liver function monitoring using indocyanine green? An overview of current clinical applications. Anaesthesia, 2014, 69, 1364-1376.	3.9	75
138	Off-Pump CABG Surgery Reduces Systemic Inflammation Compared With On-Pump Surgery but Does Not Change Systemic Endothelial Responses. Shock, 2014, 42, 121-128.	2.1	59
139	Comparison of continuous non-invasive finger arterial pressure monitoring with conventional intermittent automated arm arterial pressure measurement in patients under general anaesthesia. British Journal of Anaesthesia, 2014, 113, 67-74.	3.3	67
140	A Phase 3 Randomized Double-Blind Comparison of Ceftobiprole Medocaril Versus Ceftazidime Plus Linezolid for the Treatment of Hospital-Acquired Pneumonia. Clinical Infectious Diseases, 2014, 59, 51-61.	5.7	190
141	A pilot study of cerebral tissue oxygenation and postoperative cognitive dysfunction among patients undergoing coronary artery bypass grafting randomised to surgery with or without cardiopulmonary bypass*. Anaesthesia, 2014, 69, 613-622.	3.9	58
142	Colloids and Crystalloids. Critical Care Medicine, 2014, 42, e676.	0.9	2
143	Intraoperative ICG plasma disappearance rate helps to predict absence of early postoperative complications after orthotopic liver transplantation. Journal of Clinical Monitoring and Computing, 2013, 27, 591-598.	1.7	19
144	Association of intraoperative tissue oxygenation with suspected risk factors for tissue hypoxia. Journal of Clinical Monitoring and Computing, 2013, 27, 541-550.	1.7	11

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145	Tissue oxygen saturation as a goal, but when and where should we measure it?. Journal of Clinical Monitoring and Computing, 2013, 27, 211-213.	1.7	4
146	Goal-directed intraoperative fluid therapy guided by stroke volume and its variation in high-risk surgical patients: a prospective randomized multicentre study. Journal of Clinical Monitoring and Computing, 2013, 27, 225-233.	1.7	135
147	NIRS during therapeutic hypothermia: Cool or hot?. Resuscitation, 2013, 84, 720-721.	2.9	6
148	Comparison of arterial pressure and plethysmographic waveform-based dynamic preload variables in assessing fluid responsiveness and dynamic arterial tone in patients undergoing major hepatic resection. British Journal of Anaesthesia, 2013, 110, 940-946.	3.3	50
149	Heart rate and the assessment of changes in venous return after phenylephrine. Journal of Applied Physiology, 2013, 114, 1646-1646.	2.7	2
150	Pharmacologic Interventions to Improve Splanchnic Oxygenation During Ventilation with Positive End-Expiratory Pressure. Advances in Experimental Medicine and Biology, 2012, 737, 235-238.	0.0	3
151	Accuracy of non-invasive measurement of haemoglobin concentration by pulse co-oximetry during steady-state and dynamic conditions in liver surgery. British Journal of Anaesthesia, 2012, 109, 522-528.	3.3	56
152	Femoral venous oxygen saturation is no surrogate for central venous oxygen saturation*. Critical Care Medicine, 2012, 40, 3196-3201.	0.9	20
153	Good old physiology in a modern jacket*. Critical Care Medicine, 2012, 40, 3309-3311.	0.9	1
154	Monitoring tissue oxygenation by near infrared spectroscopy (NIRS): background and current applications. Journal of Clinical Monitoring and Computing, 2012, 26, 279-287.	1.7	361
155	A review of postoperative cognitive dysfunction and neuroinflammation associated with cardiac surgery and anaesthesia. Anaesthesia, 2012, 67, 280-293.	3.9	233
156	The differential effects of recombinant brain natriuretic peptide, nitroglycerine and dihydralazine on systemic oxygen delivery and gastric mucosal microvascular oxygenation in dogs*. Anaesthesia, 2012, 67, 501-507.	3.9	3
157	Prognostic value of intraoperative renal tissue oxygenation measurement on early renal transplant function. Transplant International, 2011, 24, 687-696.	1.8	20
158	Monitoring the microcirculation in the critically ill patient: reflectance spectroscopy. Intensive Care Medicine, 2011, 37, 1045-1046.	8.2	12
159	Sevoflurane and propofol anaesthesia differentially modulate the effects of epinephrine and norepinephrine on microcirculatory gastric mucosal oxygenation. British Journal of Anaesthesia, 2010, 105, 421-428.	3.3	17
160	Hypercapnic Acidosis Preserves Gastric Mucosal Microvascular Oxygen Saturation in a Canine Model of Hemorrhage. Shock, 2010, 34, 636-642.	2.1	18
161	Pulse Dye Densitometry and Indocyanine Green Plasma Disappearance. Anesthesia and Analgesia, 2010, 111, 1075-1076.	2.4	8
162	Accurate and continuous measurement of oxygen deficit during haemorrhage in pigs. Resuscitation, 2009, 80, 259-263.	2.9	6

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163	BÎ²15-42 (FX06) reduces pulmonary, myocardial, liver, and small intestine damage in a pig model of hemorrhagic shock and reperfusion*. Critical Care Medicine, 2009, 37, 598-605.	0.9	71
164	Hypercapnia induces a concentration-dependent increase in gastric mucosal oxygenation in dogs. Intensive Care Medicine, 2008, 34, 1898-1906.	8.2	25
165	Performance of a minimally invasive cardiac output monitoring system (Flotrac/Vigileo). British Journal of Anaesthesia, 2008, 101, 279-280.	3.3	10
166	Microcirculatory monitoring of a JehovahÊ¼s Witness suffering from haemorrhagic shock. European Journal of Anaesthesiology, 2008, 25, 81-83.	1.8	1
167	Endogenous nitric oxide reduces the efficacy of the endothelin system to maintain blood pressure during high epidural anaesthesia in conscious dogs. European Journal of Anaesthesiology, 2007, 24, 689-696.	1.8	1
168	The fibrin-derived peptide BÎ²15â€“42 is cardioprotective in a pig model of myocardial ischemia-reperfusion injury*. Critical Care Medicine, 2007, 35, 1730-1735.	0.9	102
169	Clonidine Elicits A Long-Term Depression in Mucosal Red Cell Flux. , 2007, 599, 17-22.		1
170	The Impact of Intra-aortic Balloon Pumping on Cardiac Output Determination by Pulmonary Arterial and Transpulmonary Thermodilution in Pigs. Journal of Cardiothoracic and Vascular Anesthesia, 2006, 20, 320-324.	1.3	15
171	Management of pulmonary aspiration. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2006, 20, 409-427.	4.3	55
172	Levosimendan is superior to milrinone and dobutamine in selectively increasing microvascular gastric mucosal oxygenation in dogs*. Critical Care Medicine, 2005, 33, 135-142.	0.9	168
173	Effects of thoracic epidural anaesthesia on microvascular gastric mucosal oxygenation in physiological and compromised circulatory conditions in dogs â€. British Journal of Anaesthesia, 2004, 93, 552-559.	3.3	24
174	Comparison of the role of endothelin, vasopressin and angiotensin in arterial pressure regulation during sevoflurane anaesthesia in dogs. British Journal of Anaesthesia, 2004, 92, 102-108.	3.3	13
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