

# Thomas Scheeren

## List of Publications by Year in descending order

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Version: 2024-02-01

200  
papers

6,123  
citations

87723

38  
h-index

88477

70  
g-index

206  
all docs

206  
docs citations

206  
times ranked

5986  
citing authors

#	ARTICLE	IF	CITATIONS
1	The contemporary pulmonary artery catheter. Part 1: placement and waveform analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 5-15.	0.7	22
2	The contemporary pulmonary artery catheter. Part 2: measurements, limitations, and clinical applications. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 17-31.	0.7	28
3	Comparison of renal region, cerebral and peripheral oxygenation for predicting postoperative renal impairment after CABG. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 735-743.	0.7	6
4	Monitoring, management, and outcome of hypotension in Intensive Care Unit patients, an international survey of the European Society of Intensive Care Medicine. <i>Journal of Critical Care</i> , 2022, 67, 118-125.	1.0	10
5	The use of a vascular occlusion test combined with near-infrared spectroscopy in perioperative care: a systematic review. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 933-946.	0.7	1
6	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. <i>Trials</i> , 2022, 23, 168.	0.7	5
7	What is new in microcirculation and tissue oxygenation monitoring?. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 291-299.	0.7	7
8	Patient monitoring, wearable devices, and the healthcare information ecosystem. <i>British Journal of Anaesthesia</i> , 2022, 128, 756-758.	1.5	15
9	Wireless wearables for postoperative surveillance on surgical wards: a survey of 1158 anaesthesiologists in Western Europe and the USA. , 2022, 1, 100002.		4
10	An international survey of adherence to Surviving Sepsis Campaign Guidelines 2016 regarding fluid resuscitation and vasopressors in the initial management of septic shock. <i>Journal of Critical Care</i> , 2022, 68, 144-154.	1.0	15
11	<sc>Transfusion practice</sc> in the bleeding critically ill: An international online surveyâ€”The <sc>TRACE</sc> survey. <i>Transfusion</i> , 2022, 62, 324-335.	0.8	4
12	Current practice and evolving concepts in septic shock resuscitation. <i>Intensive Care Medicine</i> , 2022, 48, 148-163.	3.9	55
13	The effect of compliance with a perioperative goal-directed therapy protocol on outcomes after high-risk surgery: a before-after study. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1193-1202.	0.7	6
14	Comparison of haemodynamic- and electroencephalographic-monitored effects evoked by four combinations of effect-site concentrations of propofol and remifentanyl, yielding a predicted tolerance to laryngoscopy of 90%. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 815-825.	0.7	5
15	Metrology part 1: definition of quality criteria. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 17-25.	0.7	22
16	Metrology part 2: Procedures for the validation of major measurement quality criteria and measuring instrument properties. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 27-37.	0.7	11
17	Perioperative echocardiography-guided hemodynamic therapy in high-risk patients: a practical expert approach of hemodynamically focused echocardiography. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 229-243.	0.7	11
18	Cardiac output estimation using pulse wave analysisâ€”physiology, algorithms, and technologies: a narrative review. <i>British Journal of Anaesthesia</i> , 2021, 126, 67-76.	1.5	66

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19	The effect of moderate intraoperative blood loss and norepinephrine therapy on sublingual microcirculatory perfusion in patients having open radical prostatectomy. <i>European Journal of Anaesthesiology</i> , 2021, 38, 459-467.	0.7	5
20	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 21.	2.2	35
21	Dobutamine-sparing versus dobutamine-to-all strategy in cardiac surgery: a randomized noninferiority trial. <i>Annals of Intensive Care</i> , 2021, 11, 15.	2.2	11
22	Artificial Intelligence and Predictive Analytics. , 2021, , 287-293.		0
23	Ensemble machine learning prediction and variable importance analysis of 5-year mortality after cardiac valve and CABG operations. <i>Scientific Reports</i> , 2021, 11, 3467.	1.6	4
24	Very early creatinine changes and 30-day mortality after cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2021, 38, 665.	0.7	1
25	Early Thromboembolic Stroke Risk of Postoperative Atrial Fibrillation Following Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	0.6	1
26	VitalDB: fostering collaboration in anaesthesia research. <i>British Journal of Anaesthesia</i> , 2021, 127, 184-187.	1.5	7
27	Existing fluid responsiveness studies using the miniâ€œfluid challenge may be misleading: Methodological considerations and simulations. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, , .	0.7	4
28	Perioperative Hemodynamic Monitoring. <i>Anesthesiology Clinics</i> , 2021, 39, 441-456.	0.6	5
29	Cerebral monitoring in surgical ICU patients. <i>Current Opinion in Critical Care</i> , 2021, Publish Ahead of Print, 701-708.	1.6	2
30	High Versus Normal Blood Pressure Targets in Relation to Right Ventricular Dysfunction After Cardiac Surgery: A Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2980-2990.	0.6	2
31	Definition and incidence of hypotension in intensive care unit patients, an international survey of the European Society of Intensive Care Medicine. <i>Journal of Critical Care</i> , 2021, 65, 142-148.	1.0	14
32	Perioperative goal-directed therapy in high-risk abdominal surgery. A multicenter randomized controlled superiority trial. <i>Journal of Clinical Anesthesia</i> , 2021, 75, 110506.	0.7	18
33	Plasma from patients undergoing coronary artery bypass graft surgery does not activate endothelial cells under shear stress in vitro. <i>International Journal of Critical Illness and Injury Science</i> , 2021, 11, 144.	0.2	1
34	To a new chapter. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1-2.	0.7	3
35	Pulse Wave Analysis to Estimate Cardiac Output. <i>Anesthesiology</i> , 2021, 134, 119-126.	1.3	47
36	Do alterations in pulmonary vascular tone result in changes in central blood volumes? An experimental study. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 59.	0.9	1

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37	The response of a standardized fluid challenge during cardiac surgery on cerebral oxygen saturation measured with near-infrared spectroscopy. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 245-251.	0.7	3
38	Low serum albumin levels and new-onset atrial fibrillation in the ICU: a prospective cohort study. <i>Journal of Critical Care</i> , 2020, 56, 26-30.	1.0	12
39	Monitoring of the Sublingual Microcirculation During Cardiac Surgery: Current Knowledge and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2754-2765.	0.6	14
40	Ability of an Arterial Waveform Analysisâ€œDerived Hypotension Prediction Index to Predict Future Hypotensive Events in Surgical Patients. <i>Anesthesia and Analgesia</i> , 2020, 130, 352-359.	1.1	123
41	Rotational thromboelastometry to assess hypercoagulability in COVID-19 patients. <i>Thrombosis Research</i> , 2020, 196, 379-381.	0.8	22
42	Improved haemodynamic stability and cerebral tissue oxygenation after induction of anaesthesia with sufentanil compared to remifentanil: a randomised controlled trial. <i>BMC Anesthesiology</i> , 2020, 20, 258.	0.7	4
43	Risk and prognosis of COVID-19 in patients treated with reninâ€œangiotensinâ€œaldosterone inhibitors. <i>European Journal of Anaesthesiology</i> , 2020, 37, 739-742.	0.7	2
44	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. <i>British Journal of Anaesthesia</i> , 2020, 125, 25-37.	1.5	69
45	Cerebral oxygenation during pediatric congenital cardiac surgery and its association with outcome: a retrospective observational study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1170-1181.	0.7	5
46	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. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2140-2147.	0.6	7
47	Journal of Clinical Monitoring and Computing end of year summary 2019: hemodynamic monitoring and management. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 207-219.	0.7	3
48	Non-invasive oscillometric versus invasive arterial blood pressure measurements in critically ill patients: A post hoc analysis of a prospective observational study. <i>Journal of Critical Care</i> , 2020, 57, 118-123.	1.0	22
49	Hypotension Prediction Index: from proof-of-concept to proof-of-feasibility. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1135-1138.	0.7	10
50	Distribution of Cardioembolic Stroke: A Cohort Study. <i>Cerebrovascular Diseases</i> , 2020, 49, 97-104.	0.8	13
51	Journal of Clinical Monitoring and Computing 2019 end of year summary: monitoring tissue oxygenation and perfusion and its autoregulation. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 389-395.	0.7	3
52	A glimpse into the future of postoperative arterial blood pressure monitoring. <i>British Journal of Anaesthesia</i> , 2020, 125, 113-115.	1.5	15
53	This is your toolkit in hemodynamic monitoring. <i>Current Opinion in Critical Care</i> , 2020, 26, 303-312.	1.6	2
54	Feasibility of cardiac output measurements in critically ill patients by medical students. <i>Ultrasound Journal</i> , 2020, 12, 1.	1.3	13

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55	Dislodged Tip of Damaged Central Venous Catheter After Radiofrequent Cox-Maze IV Procedure: An aMAZING Finding. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2363-2365.	0.6	0
56	New Developments in Hemodynamic Monitoring. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, S67-S72.	0.6	45
57	Predicting vital sign deterioration with artificial intelligence or machine learning. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 949-951.	0.7	23
58	Preface on advances in hemodynamic monitoring in perioperative medicine. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2019, 33, 125-126.	1.7	0
59	Which type of fluid to use perioperatively?. <i>Journal of Emergency and Critical Care Medicine</i> , 2019, 3, 51-51.	0.7	1
60	Transfusion practice in the non-bleeding critically ill: an international online survey – the TRACE survey. <i>Critical Care</i> , 2019, 23, 309.	2.5	42
61	International point prevalence study of Intensive Care Unit transfusion practices – Pilot study in the Netherlands. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 202-208.	0.2	2
62	The diagnostic accuracy of clinical examination for estimating cardiac index in critically ill patients: the Simple Intensive Care Studies-I. <i>Intensive Care Medicine</i> , 2019, 45, 190-200.	3.9	36
63	The $\tilde{S}$ Ts™ of perioperative goal-directed haemodynamic therapy. <i>British Journal of Anaesthesia</i> , 2019, 123, 103-107.	1.5	27
64	Perioperative goal-directed therapy – What is the evidence?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2019, 33, 179-187.	1.7	18
65	Propofol improves colonic but impairs hepatic mitochondrial function in tissue homogenates from healthy rats. <i>European Journal of Pharmacology</i> , 2019, 853, 364-370.	1.7	5
66	Predicting hypotension in perioperative and intensive care medicine. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2019, 33, 189-197.	1.7	25
67	Disagreement in cardiac output measurements between fourth-generation FloTrac and critical care ultrasonography in patients with circulatory shock: a prospective observational study. <i>Journal of Intensive Care</i> , 2019, 7, 21.	1.3	6
68	Oxygen Reserve Index: Validation of a New Variable. <i>Anesthesia and Analgesia</i> , 2019, 129, 409-415.	1.1	43
69	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , 2019, 9, 20.	2.2	109
70	Journal of clinical monitoring and computing end of year summary 2018: hemodynamic monitoring and management. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 211-222.	0.7	6
71	Early improvement in severely ill patients with pneumonia treated with ceftobiprole: a retrospective analysis of two major trials. <i>BMC Infectious Diseases</i> , 2019, 19, 195.	1.3	18
72	Incidence of Massive Transfusion and Overall Transfusion Requirements During Lung Transplantation Over a 25-Year Period. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2478-2486.	0.6	17

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73	Journal of Clinical Monitoring and Computing 2017/2018 end of year summary: monitoring and provocation of the microcirculation and tissue oxygenation. Journal of Clinical Monitoring and Computing, 2019, 33, 201-209.	0.7	13
74	The haemodynamic instability score. European Journal of Anaesthesiology, 2019, 36, 290-296.	0.7	16
75	Arterial Blood Pressure. Lessons From the ICU, 2019, , 233-245.	0.1	0
76	Clinical Examination for the Prediction of Mortality in the Critically Ill: The Simple Intensive Care Studies-I. Critical Care Medicine, 2019, 47, 1301-1309.	0.4	17
77	Distribution of perioperative stroke in cardiac surgery. European Journal of Neurology, 2019, 26, 184-190.	1.7	14
78	Perioperative goal-directed therapy: what's the best study design to investigate its impact on patient outcome?. Journal of Clinical Monitoring and Computing, 2019, 33, 361-363.	0.7	6
79	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.	0.7	9
80	Dopamine in critically ill patients with cardiac dysfunction: A systematic review with meta-analysis and trial sequential analysis. Acta Anaesthesiologica Scandinavica, 2019, 63, 424-437.	0.7	12
81	Electroencephalography and Brain Oxygenation Monitoring in the Perioperative Period. Anesthesia and Analgesia, 2019, 128, 265-277.	1.1	52
82	Intraoperative hypotension and its prediction. Indian Journal of Anaesthesia, 2019, 63, 877.	0.3	27
83	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.	0.7	3
84	Acute Kidney Injury Classification Underestimates Long-Term Mortality After Cardiac Valve Operations. Annals of Thoracic Surgery, 2018, 106, 92-98.	0.7	26
85	Challenge of the Mini-fluid Challenge: Filling Twice without Creating a Self-fulfilling Prophecy Design. Anesthesiology, 2018, 128, 1043-1044.	1.3	8
86	EMA recommendation to suspend HES is hazardous. Lancet, The, 2018, 391, 736-738.	6.3	33
87	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.	3.9	305
88	Saline studies: how (not) to put nails in the coffin. British Journal of Anaesthesia, 2018, 120, 203-205.	1.5	1
89	Prognostic value of intraoperative measurements of renal tissue oxygenation and microcirculation on renal function in partial nephrectomy. Clinical and Experimental Nephrology, 2018, 22, 735-742.	0.7	1
90	Targeting skeletal muscle tissue oxygenation (StO <sub>2</sub> ) in adults with severe sepsis and septic shock: a randomised controlled trial (OTO-StS Study). BMJ Open, 2018, 8, e017581.	0.8	17

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91	Understanding the carbon dioxide gaps. <i>Current Opinion in Critical Care</i> , 2018, 24, 181-189.	1.6	35
92	Phenylephrine increases cardiac output by raising cardiac preload in patients with anesthesia induced hypotension. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 969-976.	0.7	44
93	The effect of fluid resuscitation on the effective circulating volume in patients undergoing liver surgery: a post-hoc analysis of a randomized controlled trial. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 73-80.	0.7	9
94	Effects of Intraoperative Fluid Management on Postoperative Outcomes. <i>Annals of Surgery</i> , 2018, 267, 1084-1092.	2.1	165
95	Goal-directed therapy: hit early and personalize!. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 375-377.	0.7	15
96	The oxygen reserve index (ORI): a new tool to monitor oxygen therapy. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 379-389.	0.7	76
97	Impaired right ventricular ejection fraction after cardiac surgery is associated with a complicated ICU stay. <i>Journal of Intensive Care</i> , 2018, 6, 85.	1.3	14
98	Extrasystoles for fluid responsiveness prediction in critically ill patients. <i>Journal of Intensive Care</i> , 2018, 6, 52.	1.3	8
99	Is there still a place for the Swan-Ganz catheter? No. <i>Intensive Care Medicine</i> , 2018, 44, 957-959.	3.9	11
100	The potential power and hidden hazards of Trial Sequential Analysis regarding viscoelastic blood tests in cardiac surgery. Comment on <i>Br J Anaesth</i> 2017; 118: 823-833. <i>British Journal of Anaesthesia</i> , 2018, 121, 977-978.	1.5	0
101	Perioperative goal-directed therapy: A systematic review without meta-analysis. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 1340-1355.	0.7	39
102	Albumin, a marker for post-operative myocardial damage in cardiac surgery. <i>Journal of Critical Care</i> , 2018, 47, 55-60.	1.0	15
103	Predictive value of serum albumin levels on noradrenaline and fluid requirements in the first 24h after admission to the Intensive Care Unit - A prospective observational study. <i>Journal of Critical Care</i> , 2018, 47, 99-103.	1.0	5
104	Understanding the Haldane effect. <i>Intensive Care Medicine</i> , 2017, 43, 91-93.	3.9	48
105	Journal of Clinical Monitoring and Computing 2016 end of year summary: cardiovascular and hemodynamic monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 5-17.	0.7	7
106	Journal of clinical monitoring and computing 2016 end of year summary: monitoring cerebral oxygenation and autoregulation. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 241-246.	0.7	16
107	Can Passive Leg Raising Be Considered the Gold Standard in Predicting Fluid Responsiveness?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1075-1076.	2.5	6
108	Prophylactic atropine administration attenuates the negative haemodynamic effects of induction of anaesthesia with propofol and high-dose remifentanyl. <i>European Journal of Anaesthesiology</i> , 2017, 34, 695-701.	0.7	16

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109	Norepinephrine in septic shock: when and how much?. <i>Current Opinion in Critical Care</i> , 2017, 23, 342-347.	1.6	36
110	More hemodynamic monitoring for personalized treatment in circulatory failure. <i>Current Opinion in Critical Care</i> , 2017, 23, 291-292.	1.6	0
111	Minimally invasive cardiac output technologies in the ICU: putting it all together. <i>Current Opinion in Critical Care</i> , 2017, 23, 302-309.	1.6	19
112	Neuronal damage biomarkers in the identification of patients at risk of long-term postoperative cognitive dysfunction after cardiac surgery. <i>Anaesthesia</i> , 2017, 72, 359-369.	1.8	53
113	Influence of Bayesian optimization on the performance of propofol target-controlled infusion. <i>British Journal of Anaesthesia</i> , 2017, 119, 918-927.	1.5	14
114	Methodology in systematic reviews of goal-directed therapy: improving but not perfect. <i>British Journal of Anaesthesia</i> , 2017, 119, 18-21.	1.5	3
115	Intracardiac Mass of Unknown Origin. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1145-1147.	0.6	1
116	Digging into the microcirculation: the rush for gold may excavate apples and oranges. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 665-667.	0.7	4
117	Now You See Me, Now You Don't™. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 229-230.	0.6	1
118	Ultrasound-guided central venous catheter placement: a structured review and recommendations for clinical practice. <i>Critical Care</i> , 2017, 21, 225.	2.5	259
119	Ultrasound-guided central venous catheter placement: first things first. <i>Critical Care</i> , 2017, 21, 331.	2.5	7
120	Continuous non-invasive haemodynamic monitoring. <i>European Journal of Anaesthesiology</i> , 2017, 34, 713-715.	0.7	5
121	Journal of Clinical Monitoring and Computing 2015 end of year summary: tissue oxygenation and microcirculation. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 141-146.	0.7	16
122	Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , 2016, 42, 1350-1359.	3.9	212
123	Cardiac output monitoring: less invasiveness, less accuracy?. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 753-755.	0.7	11
124	How to "validate" newly developed cardiac output monitoring devices. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 147-148.	0.7	3
125	Advanced hemodynamic monitoring in the critically ill patient: Nice to have or need to treat?. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 507-508.	0.7	2
126	Journal of Clinical Monitoring and Computing 2015 end of year summary: cardiovascular and hemodynamic monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 129-139.	0.7	5



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127	Do intravascular hypo- and hypervolaemia result in changes in central blood volumes?. British Journal of Anaesthesia, 2016, 116, 46-53.	1.5	6
128	The Validity of Eady in Spontaneously Breathing Patients. Anesthesia and Analgesia, 2015, 121, 1400.	1.1	1
129	Differential effects of phenylephrine and norepinephrine on peripheral tissue oxygenation during general anaesthesia. European Journal of Anaesthesiology, 2015, 32, 571-580.	0.7	39
130	Ceftobiprole medocaril in the treatment of hospital-acquired pneumonia. Future Microbiology, 2015, 10, 1913-1928.	1.0	17
131	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.	0.7	33
132	Effects of Cell-Saving Devices and Filters on Transfusion in Cardiac Surgery: A Multicenter Randomized Study. Annals of Thoracic Surgery, 2015, 99, 26-32.	0.7	24
133	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.	3.9	71
134	Reply from the authors: Are we ready for non-invasive blood pressure monitoring?â€”reply. British Journal of Anaesthesia, 2015, 115, 130-131.	1.5	0
135	Year in review in journal of clinical monitoring and computing 2014: cardiovascular and hemodynamic monitoring. Journal of Clinical Monitoring and Computing, 2015, 29, 203-207.	0.7	0
136	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.	0.7	11
137	Novel hemostatic patch achieves sutureless epicardial wound closure during complex cardiac surgery, a case report. Journal of Cardiothoracic Surgery, 2015, 10, 12.	0.4	3
138	Influence of early goal-directed therapy using arterial waveform analysis on major complications after high-risk abdominal surgery: study protocol for a multicenter randomized controlled superiority trial. Trials, 2014, 15, 360.	0.7	11
139	Tissue oxygenation as a target for goal-directed therapy in high-risk surgery: a pilot study. BMC Anesthesiology, 2014, 14, 122.	0.7	22
140	Green light for liver function monitoring using indocyanine green? An overview of current clinical applications. Anaesthesia, 2014, 69, 1364-1376.	1.8	73
141	Off-Pump CABG Surgery Reduces Systemic Inflammation Compared With On-Pump Surgery but Does Not Change Systemic Endothelial Responses. Shock, 2014, 42, 121-128.	1.0	56
142	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.	1.5	65
143	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.	2.9	184
144	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.	1.8	57

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145	Colloids and Crystalloids. <i>Critical Care Medicine</i> , 2014, 42, e676.	0.4	2
146	Intraoperative ICG plasma disappearance rate helps to predict absence of early postoperative complications after orthotopic liver transplantation. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 591-598.	0.7	19
147	Association of intraoperative tissue oxygenation with suspected risk factors for tissue hypoxia. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 541-550.	0.7	10
148	Tissue oxygen saturation as a goal, but when and where should we measure it?. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 211-213.	0.7	4
149	Goal-directed intraoperative fluid therapy guided by stroke volume and its variation in high-risk surgical patients: a prospective randomized multicentre study. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 225-233.	0.7	130
150	NIRS during therapeutic hypothermia: Cool or hot?. <i>Resuscitation</i> , 2013, 84, 720-721.	1.3	5
151	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. <i>British Journal of Anaesthesia</i> , 2013, 110, 940-946.	1.5	50
152	Heart rate and the assessment of changes in venous return after phenylephrine. <i>Journal of Applied Physiology</i> , 2013, 114, 1646-1646.	1.2	2
153	Pharmacologic Interventions to Improve Splanchnic Oxygenation During Ventilation with Positive End-Expiratory Pressure. <i>Advances in Experimental Medicine and Biology</i> , 2012, 737, 235-238.	0.8	3
154	Accuracy of non-invasive measurement of haemoglobin concentration by pulse co-oximetry during steady-state and dynamic conditions in liver surgery. <i>British Journal of Anaesthesia</i> , 2012, 109, 522-528.	1.5	56
155	Femoral venous oxygen saturation is no surrogate for central venous oxygen saturation*. <i>Critical Care Medicine</i> , 2012, 40, 3196-3201.	0.4	20
156	Good old physiology in a modern jacket*. <i>Critical Care Medicine</i> , 2012, 40, 3309-3311.	0.4	1
157	Monitoring tissue oxygenation by near infrared spectroscopy (NIRS): background and current applications. <i>Journal of Clinical Monitoring and Computing</i> , 2012, 26, 279-287.	0.7	349
158	A review of postoperative cognitive dysfunction and neuroinflammation associated with cardiac surgery and anaesthesia. <i>Anaesthesia</i> , 2012, 67, 280-293.	1.8	227
159	The differential effects of recombinant brain natriuretic peptide, nitroglycerine and dihydralazine on systemic oxygen delivery and gastric mucosal microvascular oxygenation in dogs*. <i>Anaesthesia</i> , 2012, 67, 501-507.	1.8	3
160	Clinical review: use of venous oxygen saturations as a goal - a yet unfinished puzzle. <i>Critical Care</i> , 2011, 15, 232.	2.5	97
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