

Bernd Saugel

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

6,304
citations

71102

41
h-index

98798

67
g-index

223
all docs

223
docs citations

223
times ranked

5419
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms contributing to hypotension after anesthetic induction with sufentanil, propofol, and rocuronium: a prospective observational study. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 341-347.	1.6	42
2	Haemodynamic monitoring in circulatory shock "in a nutshell". <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101003.	1.4	3
3	Evaluation of a new smartphone optical blood pressure application (OptiBP [®]) in the post-anesthesia care unit: a method comparison study against the non-invasive automatic oscillometric brachial cuff as the reference method. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1525-1533.	1.6	6
4	The Relation Between Mean Arterial Pressure and Cardiac Index in Major Abdominal Surgery Patients: A Prospective Observational Cohort Study. <i>Anesthesia and Analgesia</i> , 2022, 134, 322-329.	2.2	9
5	Effect of intraoperative personalized goal-directed hemodynamic management on acute myocardial injury in high-risk patients having major abdominal surgery: a post-hoc secondary analysis of a randomized clinical trial. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1775-1783.	1.6	1
6	Right ventricular and pulmonary artery pulse pressure variation and systolic pressure variation for the prediction of fluid responsiveness: an interventional study in coronary artery bypass surgery patients. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1817-1825.	1.6	1
7	Intraoperative Hypotension and Acute Kidney Injury, Stroke, and Mortality during and outside Cardiopulmonary Bypass: A Retrospective Observational Cohort Study. <i>Anesthesiology</i> , 2022, 136, 927-939.	2.5	24
8	Wireless wearables for postoperative surveillance on surgical wards: a survey of 1158 anaesthesiologists in Western Europe and the USA. , 2022, 1, 100002.		4
9	What is new in hemodynamic monitoring and management?. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 305-313.	1.6	2
10	Chronic arterial hypertension and nocturnal non-dipping predict postinduction and intraoperative hypotension: A secondary analysis of a prospective study. <i>Journal of Clinical Anesthesia</i> , 2022, 79, 110715.	1.6	8
11	Defining fluid responsiveness: Flow response vs. pressure response. <i>Journal of Clinical Anesthesia</i> , 2022, 79, 110667.	1.6	0
12	Current practice and evolving concepts in septic shock resuscitation. <i>Intensive Care Medicine</i> , 2022, 48, 148-163.	8.2	55
13	Pulse Wave Analysis Using the Pressure Recording Analytical Method to Measure Cardiac Output in Pediatric Cardiac Surgery Patients: A Method Comparison Study Using Transesophageal Doppler Echocardiography as Reference Method. <i>Anesthesia and Analgesia</i> , 2022, Publish Ahead of Print, .	2.2	3
14	Microcirculatory tissue perfusion during general anaesthesia and noncardiac surgery. <i>European Journal of Anaesthesiology</i> , 2022, 39, 582-590.	1.7	6
15	A new noninvasive finger sensor (NICCI system) for cardiac output monitoring. <i>European Journal of Anaesthesiology</i> , 2022, 39, 695-700.	1.7	3
16	Non-invasive measurement of pulse pressure variation using a finger-cuff method in obese patients having laparoscopic bariatric surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1341-1347.	1.6	3
17	Cardiovascular dynamics during peroral endoscopic myotomy for esophageal achalasia: a prospective observational study using non-invasive finger cuff-derived pulse wave analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 827-834.	1.6	0
18	Metrology part 1: definition of quality criteria. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 17-25.	1.6	22

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19	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.	1.6	11
20	Automated Blood Pressure Control. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 047-058.	2.1	2
21	Cardiac output estimation using pulse wave analysis—physiology, algorithms, and technologies: a narrative review. <i>British Journal of Anaesthesia</i> , 2021, 126, 67-76.	3.4	66
22	Intraoperative hypotension during liver transplant surgery is associated with postoperative acute kidney injury: a historical cohort study. <i>BMC Anesthesiology</i> , 2021, 21, 12.	1.8	21
23	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.	1.7	5
24	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 21.	4.6	35
25	Non-invasive measurement of pulse pressure variation using a finger-cuff method (CNAP system): a validation study in patients having neurosurgery. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 1.	1.6	3
26	Agreement between continuous noninvasive finger cuff-derived and invasive arterial blood pressure measurements: Effect of data sampling and data processing. <i>European Journal of Anaesthesiology</i> , 2021, 38, 616-624.	1.7	1
27	A novel art of continuous noninvasive blood pressure measurement. <i>Nature Communications</i> , 2021, 12, 1387.	12.8	43
28	Agreement between continuous and intermittent pulmonary artery thermodilution for cardiac output measurement in perioperative and intensive care medicine: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 125.	5.8	18
29	Relationship Between Intraoperative and Preoperative Ambulatory Nighttime Heart Rates: A Secondary Analysis of a Prospective Observational Study. <i>Anesthesia and Analgesia</i> , 2021, 133, 406-412.	2.2	4
30	Hemodynamic Monitoring and Support. <i>Critical Care Medicine</i> , 2021, 49, 1638-1650.	0.9	16
31	Continuous ward monitoring: the selection, monitoring, alarms, response, treatment (SMART) road map. <i>British Journal of Anaesthesia</i> , 2021, 127, 675-677.	3.4	7
32	Editorial: the surgical patient. <i>Current Opinion in Critical Care</i> , 2021, 27, 668-669.	3.2	1
33	Association between intraoperative mean arterial pressure and postoperative complications is independent of cardiac index in patients undergoing noncardiac surgery. <i>British Journal of Anaesthesia</i> , 2021, 127, e102-e104.	3.4	7
34	Evaluation of Devices for Measurement of Blood Pressure. , 2021, , 273-281.		1
35	Pulse Wave Analysis to Estimate Cardiac Output. <i>Anesthesiology</i> , 2021, 134, 119-126.	2.5	47
36	Perioperative Blood Pressure Management. <i>Anesthesiology</i> , 2021, 134, 250-261.	2.5	69

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37	Intraoperative Blood Pressure Monitoring in Obese Patients. <i>Anesthesiology</i> , 2021, 134, 179-188.	2.5	27
38	Blood Pressure Management by Anesthesia Professionals: Evaluating Clinician Skill From Electronic Medical Records. <i>Anesthesia and Analgesia</i> , 2021, 132, 946-956.	2.2	7
39	Postoperative blood pressure management in patients treated in the ICU after noncardiac surgery. <i>Current Opinion in Critical Care</i> , 2021, 27, 694-700.	3.2	6
40	Pulse pressure variation using a novel smartphone application (Capstesia) versus invasive pulse contour analysis in patients undergoing cardiac surgery: a secondary analysis focusing on clinical decision making. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 379-380.	1.6	4
41	Shedding light on perioperative hemodynamic monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 621-624.	1.6	2
42	Cardiac output estimation by multi-beat analysis of the radial arterial blood pressure waveform versus intermittent pulmonary artery thermodilution: a method comparison study in patients treated in the intensive care unit after off-pump coronary artery bypass surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 643-648.	1.6	16
43	Cardiac output estimation using multi-beat analysis of the radial arterial blood pressure waveform: a method comparison study in patients having off-pump coronary artery bypass surgery using intermittent pulmonary artery thermodilution as the reference method. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 649-654.	1.6	15
44	Perioperative intelligence: applications of artificial intelligence in perioperative medicine. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 625-628.	1.6	14
45	Ambulatory and Perioperative Blood Pressure: Reply. <i>Anesthesiology</i> , 2020, 132, 932-933.	2.5	0
46	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.	1.3	14
47	Anesthesia for Patients Undergoing Peroral Endoscopic Myotomy Procedures: A Review of the Literature. <i>Anesthesia and Analgesia</i> , 2020, 130, 1331-1340.	2.2	11
48	Cardiac output estimation by pulse wave analysis using the pressure recording analytical method and intermittent pulmonary artery thermodilution. <i>European Journal of Anaesthesiology</i> , 2020, 37, 920-925.	1.7	10
49	Intraoperative hypotension is just the tip of the iceberg: a call for multimodal, individualised, contextualised management of intraoperative cardiovascular dynamics. <i>British Journal of Anaesthesia</i> , 2020, 125, 419-423.	3.4	14
50	Personalised haemodynamic management targeting baseline cardiac index in high-risk patients undergoing major abdominal surgery: a randomised single-centre clinical trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 122-132.	3.4	37
51	Estimation of pulse pressure variation and cardiac output in patients having major abdominal surgery: a comparison between a mobile application for snapshot pulse wave analysis and invasive pulse wave analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 35, 1203-1209.	1.6	5
52	Hydroxyethyl starch for perioperative goal-directed fluid therapy in 2020: a narrative review. <i>BMC Anesthesiology</i> , 2020, 20, 209.	1.8	18
53	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.	3.4	69
54	Septic shock patients with adequate tissue perfusion parameters still need the recommended minimal Mean Arterial Pressure: For sure. <i>Journal of Critical Care</i> , 2020, 56, 305-307.	2.2	1

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55	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.	1.6	3
56	Rethinking the post-COVID-19 pandemic hospital: more ICU beds or smart monitoring on the wards?. <i>Intensive Care Medicine</i> , 2020, 46, 1792-1793.	8.2	16
57	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.	2.2	22
58	Computer Program for Error Grid Analysis in Arterial Blood Pressure Method Comparison Studies. <i>Anesthesia and Analgesia</i> , 2020, 130, e71-e74.	2.2	11
59	How to measure blood pressure using an arterial catheter: a systematic 5-step approach. <i>Critical Care</i> , 2020, 24, 172.	5.8	76
60	Mobile Devices for Hemodynamic Monitoring. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2020, , 655-665.	0.2	2
61	Continuous non-invasive haemodynamic monitoring in patients having surgery: Valuable tool or superfluous toy?. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 417-418.	1.4	3
62	A glimpse into the future of postoperative arterial blood pressure monitoring. <i>British Journal of Anaesthesia</i> , 2020, 125, 113-115.	3.4	15
63	Automated Continuous Noninvasive Ward Monitoring. <i>Anesthesiology</i> , 2020, 132, 407-410.	2.5	16
64	Technological Assessment and Objective Evaluation of Minimally Invasive and Noninvasive Cardiac Output Monitoring Systems. <i>Anesthesiology</i> , 2020, 133, 921-928.	2.5	29
65	Hydraulic Coupling. <i>Anesthesiology</i> , 2020, 133, 964-966.	2.5	2
66	Intraoperative hypotension: Pathophysiology, clinical relevance, and therapeutic approaches. <i>Indian Journal of Anaesthesia</i> , 2020, 64, 90.	1.0	38
67	Management of Hypotension: Implications for Noncardiac Surgery and Intensive Care. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2020, , 189-203.	0.2	0
68	Noninvasive Cardiac Output Monitoring in Cardiothoracic Surgery Patients: Available Methods and Future Directions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1742-1752.	1.3	26
69	Is this patient really "stable"? How to describe cardiovascular dynamics in critically ill patients. <i>Critical Care</i> , 2019, 23, 272.	5.8	5
70	Preface on advances in hemodynamic monitoring in perioperative medicine. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2019, 33, 125-126.	4.0	0
71	Automated continuous noninvasive ward monitoring: future directions and challenges. <i>Critical Care</i> , 2019, 23, 194.	5.8	62
72	The "5 Ts"™ of perioperative goal-directed haemodynamic therapy. <i>British Journal of Anaesthesia</i> , 2019, 123, 103-107.	3.4	27

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73	Perioperative goal-directed therapy â€“ What is the evidence?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 179-187.	4.0	18
74	Predicting hypotension in perioperative and intensive care medicine. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2019, 33, 189-197.	4.0	25
75	Current use of vasopressors in septic shock. Annals of Intensive Care, 2019, 9, 20.	4.6	109
76	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.	1.6	6
77	Ultrasound-guided vascular access in critical illness. Intensive Care Medicine, 2019, 45, 434-446.	8.2	61
78	Continuous Noninvasive Arterial Pressure Monitoring in Obese Patients During Bariatric Surgery. Anesthesia and Analgesia, 2019, 128, 477-483.	2.2	40
79	Arterial Blood Pressure. Lessons From the ICU, 2019, , 233-245.	0.1	0
80	Automated Ambulatory Blood Pressure Measurements and Intraoperative Hypotension in Patients Having Noncardiac Surgery with General Anesthesia. Anesthesiology, 2019, 131, 74-83.	2.5	57
81	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.	1.6	6
82	Monitoring of pulse pressure variation using a new smartphone application (Capstesia) versus stroke volume variation using an uncalibrated pulse wave analysis monitor: a clinical decision making study during major abdominal surgery. Journal of Clinical Monitoring and Computing, 2019, 33, 787-793.	1.6	17
83	Managing hemodynamic instability â€“ If you want to know cardiac output, you need to measure it!. Journal of Critical Care, 2019, 49, 185-186.	2.2	3
84	Continuous noninvasive arterial blood pressure monitoring using the vascular unloading technology during complex gastrointestinal endoscopy: a prospective observational study. Journal of Clinical Monitoring and Computing, 2019, 33, 25-30.	1.6	10
85	Quantitative computed tomography in comparison with transpulmonary thermodilution for the estimation of pulmonary fluid status: a clinical study in critically ill patients. Journal of Clinical Monitoring and Computing, 2019, 33, 5-12.	1.6	8
86	Beyond â€“failure to rescueâ€™: the time has come for continuous ward monitoring. British Journal of Anaesthesia, 2019, 122, 304-306.	3.4	52
87	Protocolised personalised peri-operative haemodynamic management. European Journal of Anaesthesiology, 2019, 36, 551-554.	1.7	10
88	Non-invasive arterial pressure monitoring revisited. Intensive Care Medicine, 2018, 44, 2213-2215.	8.2	25
89	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.	1.6	3
90	Cardiac output monitoring: how to choose the optimal method for the individual patient. Current Opinion in Critical Care, 2018, 24, 165-172.	3.2	59

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91	Syndecan-1 as a biomarker for sepsis survival after major abdominal surgery. <i>Biomarkers in Medicine</i> , 2018, 12, 119-127.	1.4	30
92	Continuous Noninvasive Arterial Pressure Monitoring Using the Vascular Unloading Technique (CNAP) Tj ETQq0 0 0 rgBT /Overlock 10 T 126, 454-463.	2.2	24
93	Alternatives to the Swanâ€“Ganz catheter. <i>Intensive Care Medicine</i> , 2018, 44, 730-741.	8.2	71
94	Management of Intraoperative Hypotension: Prediction, Prevention and Personalization. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 89-97.	0.2	6
95	Advanced hemodynamic monitoring in intensive care medicine. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , 2018, 113, 192-201.	1.1	7
96	A comparison of volume clamp method-based continuous noninvasive cardiac output (CNCO) measurement versus intermittent pulmonary artery thermodilution in postoperative cardiothoracic surgery patients. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 235-244.	1.6	21
97	Goal-directed therapy: hit early and personalize!. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 375-377.	1.6	15
98	Error Grid Analysis for Arterial Pressure Method Comparison Studies. <i>Anesthesia and Analgesia</i> , 2018, 126, 1177-1185.	2.2	46
99	Infection and Predictors of Outcome of Cirrhotic Patients after Emergency Care Hospital Admission. <i>Annals of Hepatology</i> , 2018, 17, 948-958.	1.5	11
100	The Oxygen Reserve Index in anesthesiology: a superfluous toy or a tool to individualize oxygen therapy?. <i>Minerva Anestesiologica</i> , 2018, 84, 1010-1012.	1.0	8
101	Principles of fluid management and stewardship in septic shock: it is time to consider the four Dâ€™s and the four phases of fluid therapy. <i>Annals of Intensive Care</i> , 2018, 8, 66.	4.6	353
102	Editorial: Less and Non-invasive Hemodynamic Monitoring Techniques. <i>Frontiers in Medicine</i> , 2018, 5, 258.	2.6	0
103	Intensive care medicine in 2050: towards critical care without central lines. <i>Intensive Care Medicine</i> , 2018, 44, 922-924.	8.2	4
104	Perioperative Goal-Directed Therapy Using Invasive Uncalibrated Pulse Contour Analysis. <i>Frontiers in Medicine</i> , 2018, 5, 12.	2.6	16
105	Perioperative goalâ€“directed therapy: A systematic review without metaâ€“analysis. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 1340-1355.	1.6	39
106	Could resuscitation be based on microcirculation data? We are not sure. <i>Intensive Care Medicine</i> , 2018, 44, 950-953.	8.2	13
107	Individualized, perioperative, hemodynamic goal-directed therapy in major abdominal surgery (iPEGASUS trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 273.	1.6	14
108	Infection and Predictors of Outcome of Cirrhotic Patients after Emergency Care Hospital Admission. <i>Annals of Hepatology</i> , 2018, 17, 0-10.	1.5	0

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109	Assessment of volume status and fluid responsiveness in the emergency department: a systematic approach. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , 2017, 112, 326-333.	1.1	12
110	A systematic database-derived approach to improve indexation of transpulmonary thermodilution-derived global end-diastolic volume. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 143-151.	1.6	12
111	Characteristics and outcome of patients presenting to the emergency department after autologous/allogeneic stem cell transplantation. <i>European Journal of Emergency Medicine</i> , 2017, 24, 435-442.	1.1	7
112	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.	1.6	7
113	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.	1.6	16
114	Anesthetic considerations for patients with esophageal achalasia undergoing peroral endoscopic myotomy: a retrospective case series review. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 480-488.	1.6	18
115	Validation of Innovative Techniques for Monitoring Nociception during General Anesthesia. <i>Anesthesiology</i> , 2017, 127, 272-283.	2.5	79
116	Personalized hemodynamic management. <i>Current Opinion in Critical Care</i> , 2017, 23, 334-341.	3.2	71
117	Electrical impedance tomography for non-invasive assessment of stroke volume variation in health and experimental lung injury. <i>British Journal of Anaesthesia</i> , 2017, 118, 68-76.	3.4	10
118	Intraoperative Mean Arterial Pressure Targets: Can Databases Give Us a Universally Valid "Magic Number" or Does Physiology Still Apply for the Individual Patient?. <i>Anesthesiology</i> , 2017, 127, 725-726.	2.5	15
119	Post-induction hypotension and early intraoperative hypotension associated with general anaesthesia. <i>British Journal of Anaesthesia</i> , 2017, 119, 57-64.	3.4	163
120	Applicability of stroke volume variation in patients of a general intensive care unit: a longitudinal observational study. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 1177-1187.	1.6	15
121	Non-Invasive Hemodynamic Monitoring for Hemodynamic Management in Perioperative Medicine. <i>Frontiers in Medicine</i> , 2017, 4, 209.	2.6	9
122	Ultrasound-guided central venous catheter placement: a structured review and recommendations for clinical practice. <i>Critical Care</i> , 2017, 21, 225.	5.8	259
123	Ultrasound-guided central venous catheter placement: first things first. <i>Critical Care</i> , 2017, 21, 331.	5.8	7
124	Techniques for Non-Invasive Monitoring of Arterial Blood Pressure. <i>Frontiers in Medicine</i> , 2017, 4, 231.	2.6	111
125	Continuous non-invasive haemodynamic monitoring. <i>European Journal of Anaesthesiology</i> , 2017, 34, 713-715.	1.7	5
126	Advance Directives and Powers of Attorney in Intensive Care Patients. <i>Deutsches A&#x0308;rztblatt International</i> , 2017, 114, 363-370.	0.9	35

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127	Advanced Hemodynamic Management in Patients with Septic Shock. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	26
128	Autocalibrating Pulse Contour Analysis based on Radial Artery Applanation Tonometry for Continuous Non-Invasive Cardiac Output Monitoring in Intensive Care Unit Patients after Major Gastrointestinal Surgery—A Prospective Method Comparison Study. <i>Anaesthesia and Intensive Care</i> , 2016, 44, 340-345.	0.7	9
129	Femoral indicator injection for transpulmonary thermodilution using the EV1000/VolumeView®: do the same criteria apply as for the PiCCO®?. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 561-567.	2.8	11
130	Hemodynamic monitoring in the era of evidence-based medicine. <i>Critical Care</i> , 2016, 20, 401.	5.8	23
131	Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , 2016, 42, 1350-1359.	8.2	212
132	Cardiac output monitoring: less invasiveness, less accuracy?. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 753-755.	1.6	11
133	Innovative noninvasive hemodynamic monitoring: curb your enthusiasm after initial validation studies and evaluate the technologies'™ clinical applicability. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 509-510.	1.6	4
134	Practice of hemodynamic monitoring and management in German, Austrian, and Swiss intensive care units: the multicenter cross-sectional ICU-CardioMan Study. <i>Annals of Intensive Care</i> , 2016, 6, 49.	4.6	40
135	Herpes simplex virus in bronchoalveolar lavage fluid of medical intensive care unit patients: Association with lung injury and outcome. <i>Journal of Critical Care</i> , 2016, 32, 138-144.	2.2	14
136	The effects of advanced monitoring on hemodynamic management in critically ill patients: a pre and post questionnaire study. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 511-518.	1.6	38
137	Severe hyperlactatemia, lactate clearance and mortality in unselected critically ill patients. <i>Intensive Care Medicine</i> , 2016, 42, 202-210.	8.2	204
138	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.	1.6	5
139	Cardiac output method comparison studies: the relation of the precision of agreement and the precision of method. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 149-155.	1.6	66
140	Continuous noninvasive cardiac output determination using the CNAP system: evaluation of a cardiac output algorithm for the analysis of volume clamp method-derived pulse contour. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 487-493.	1.6	46
141	Impact of perioperative administration of 6% hydroxyethyl starch 130/0.4 on serum cystatin C-derived renal function after radical prostatectomy: a single-centre retrospective study. <i>BMC Anesthesiology</i> , 2015, 16, 69.	1.8	2
142	Hemodynamic Management of Septic Shock. <i>Shock</i> , 2015, 43, 522-529.	2.1	50
143	Tracking Changes in Cardiac Output. <i>Anesthesia and Analgesia</i> , 2015, 121, 514-524.	2.2	111
144	Radial Artery Applanation Tonometry for Continuous Noninvasive Cardiac Output Measurement. <i>Critical Care Medicine</i> , 2015, 43, 1423-1428.	0.9	33

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145	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e469-e470.	0.9	0
146	When should we adopt continuous noninvasive hemodynamic monitoring technologies into clinical routine?. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 1-3.	1.6	27
147	Haemodynamic monitoring: the inseparable relation of accuracy and trending. <i>British Journal of Anaesthesia</i> , 2015, 115, 943.	3.4	3
148	Radial artery applanation tonometry for continuous noninvasive arterial blood pressure monitoring in the cardiac intensive care unit. <i>Clinical Research in Cardiology</i> , 2015, 104, 518-524.	3.3	24
149	Fungal "colonisation" is Associated with Increased Mortality in Medical Intensive Care Unit Patients with Liver Cirrhosis. <i>Mycopathologia</i> , 2015, 179, 63-71.	3.1	27
150	Noninvasive continuous cardiac output monitoring in perioperative and intensive care medicine. <i>British Journal of Anaesthesia</i> , 2015, 114, 562-575.	3.4	225
151	Thrombophilic factor analysis in cirrhotic patients with portal vein thrombosis. <i>Journal of Thrombosis and Thrombolysis</i> , 2015, 40, 54-60.	2.1	33
152	Continuous noninvasive arterial pressure measurement using the volume clamp method: an evaluation of the CNAP device in intensive care unit patients. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 807-813.	1.6	45
153	Treatment preferences of hospitalized medical patients for life-sustaining interventions and intensive care unit admission. <i>British Journal of Anaesthesia</i> , 2015, 115, 317-318.	3.4	4
154	Predictors of the accuracy of pulse-contour cardiac index and suggestion of a calibration-index: a prospective evaluation and validation study. <i>BMC Anesthesiology</i> , 2015, 15, 45.	1.8	8
155	Guiding fluid resuscitation in critically ill patients: how to evaluate the available tools?. <i>Intensive Care Medicine</i> , 2015, 41, 962-964.	8.2	2
156	Indexation of cardiac output to biometric parameters in critically ill patients: A systematic analysis of a transpulmonary thermodilution-derived database. <i>Journal of Critical Care</i> , 2015, 30, 957-962.	2.2	13
157	Getting the Full Diagnostic Picture in Intensive Care Medicine: A Plea for "Physiological Examination". <i>Annals of the American Thoracic Society</i> , 2015, 12, 1738-9.	3.2	5
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