Jan Bakker

List of Publications by Year
in descending order

294 papers	22,479 citations	13099 68 h-index	9345 143 g-index
303 all docs	303 docs citations	303 times ranked	14668 citing authors

#	Article	IF	Citations
1	Clinical validation of a computerized algorithm to determine mean systemic filling pressure. Journal of Clinical Monitoring and Computing, 2022, 36, 191-198.	1.6	16
2	Infection control in the intensive care unit: expert consensus statements for SARS-CoV-2 using a Delphi method. Lancet Infectious Diseases, The, 2022, 22, e74-e87.	9.1	10
3	<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.	1.6	4
4	Current practice and evolving concepts in septic shock resuscitation. Intensive Care Medicine, 2022, 48, 148-163.	8.2	55
5	Metrology part 1: definition of quality criteria. Journal of Clinical Monitoring and Computing, 2021, 35, 17-25.	1.6	22
6	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.	1.6	11
7	Severe Impairment of Microcirculatory Perfused Vessel Density Is Associated With Postoperative Lactate and Acute Organ Injury After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 106-115.	1.3	21
8	Treatment Limitation Decisions in Critically Ill Patients With a Malignancy on the Intensive Care Unit. Journal of Intensive Care Medicine, 2021, 36, 42-50.	2.8	1
9	Current use of inotropes in circulatory shock. Annals of Intensive Care, 2021, 11, 21.	4.6	35
10	Blood lactate levels in sepsis: in 8 questions. Current Opinion in Critical Care, 2021, 27, 298-302.	3.2	31
11	Clinical use of peripheral perfusion parameters in septic shock. Current Opinion in Critical Care, 2021, 27, 269-273.	3.2	6
12	TOP1 inhibition therapy protects against SARS-CoV-2-induced lethal inflammation. Cell, 2021, 184, 2618-2632.e17.	28.9	80
13	Clot in Transit in a Patient with COVID-19: Transesophageal Echocardiographic Guidance of Mechanical Cardiopulmonary Resuscitation. Case, 2021, 5, 143-146.	0.3	4
14	Assessment of mortality and performance status in critically ill cancer patients: A retrospective cohort study. PLoS ONE, 2021, 16, e0252771.	2.5	7
15	Blood volume and albumin transudation in critically ill COVID-19 patients. Critical Care, 2021, 25, 269.	5.8	5
16	Outcome of cancer patients considered for intensive care unit admission in two university hospitals in the Netherlands: the danger of delayed ICU admissions and off-hour triage decisions. Annals of Intensive Care, 2021, 11, 125.	4.6	12
17	Microbial signatures in the lower airways of mechanically ventilated COVID-19 patients associated with poor clinical outcome. Nature Microbiology, 2021, 6, 1245-1258.	13.3	101
18	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.	2.2	14

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19	Low Microcirculatory Perfused Vessel Density and High Heterogeneity are Associated With Increased Intensity and Duration of Lactic Acidosis After Cardiac Surgery with Cardiopulmonary Bypass. Shock, 2021, 56, 245-254.	2.1	15
20	Equilibrating SSC guidelines with individualized care. Critical Care, 2021, 25, 397.	5.8	38
21	High Early Fluid Input After Aneurysmal Subarachnoid Hemorrhage: Combined Report of Association With Delayed Cerebral Ischemia and Feasibility of Cardiac Outputâ€"Guided Fluid Restriction. Journal of Intensive Care Medicine, 2020, 35, 161-169.	2.8	23
22	Effects of a Resuscitation Strategy Targeting Peripheral Perfusion Status versus Serum Lactate Levels among Patients with Septic Shock. A Bayesian Reanalysis of the ANDROMEDA-SHOCK Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 423-429.	5.6	126
23	Lactate. Critical Care Clinics, 2020, 36, 115-124.	2.6	53
24	A novel mortality risk score predicting intensive care mortality in cardiogenic shock patients treated with veno-arterial extracorporeal membrane oxygenation. Journal of Critical Care, 2020, 55, 35-41.	2.2	12
25	Venous blood lactate concentrations in patients with shock: Interesting but not really helpful. Journal of Critical Care, 2020, 58, 125-126.	2.2	3
26	Opioid and Benzodiazepine Requirements in Obese Adult Patients Receiving Extracorporeal Membrane Oxygenation. Annals of Pharmacotherapy, 2020, 54, 144-150.	1.9	11
27	Increased Dead Space Ventilation and Refractory Hypercapnia in Patients With Coronavirus Disease 2019: A Potential Marker of Thrombosis in the Pulmonary Vasculature. , 2020, 2, e0208.		8
28	Attenuating hyperinflammation in COVID-19: A change in paradigm?. Journal of Critical Care, 2020, 60, 334-336.	2.2	2
29	Do perceived honorary authors influence publication chance? Survey evidence from the journal of critical care. Journal of Critical Care, 2020, 60, 202-208.	2.2	0
30	Hypoxia-related parameters during septic shock resuscitation: Pathophysiological determinants and potential clinical implications. Annals of Translational Medicine, 2020, 8, 784-784.	1.7	5
31	Should we start vasopressors very early in septic shock?. Journal of Thoracic Disease, 2020, 12, 3893-3896.	1.4	10
32	Prospective multicentre multifaceted before-after implementation study of ICU delirium guidelines: a process evaluation. BMJ Open Quality, 2020, 9, e000871.	1.1	5
33	Monitoring coherence between the macro and microcirculation in septic shock. Current Opinion in Critical Care, 2020, 26, 267-272.	3.2	19
34	The PhINEST study â€" Pharyngeal ICU Novel Electrical Stimulation Therapy. Medicine (United States), 2020, 99, e19503.	1.0	4
35	Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. European Journal of Internal Medicine, 2020, 76, 76-81.	2.2	27
36	Can Peripheral Skin Perfusion Be Used to Assess Organ Perfusion and Guide Resuscitation Interventions?. Frontiers in Medicine, 2020, 7, 291.	2.6	3

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37	Critical care journals during the COVID-19 pandemic: challenges and responsibilities. Intensive Care Medicine, 2020, 46, 1521-1523.	8.2	17
38	Effects of very early start of norepinephrine in patients with septic shock: a propensity score-based analysis. Critical Care, 2020, 24, 52.	5.8	97
39	Capillary refill time status could identify different clinical phenotypes among septic shock patients fulfilling Sepsis-3 criteria: a post hoc analysis of ANDROMEDA-SHOCK trial. Intensive Care Medicine, 2020, 46, 816-818.	8.2	21
40	Systematic assessment of fluid responsiveness during early septic shock resuscitation: secondary analysis of the ANDROMEDA-SHOCK trial. Critical Care, 2020, 24, 23.	5.8	53
41	Why is lactate important in critical care?. , 2020, , 439-443.e1.		0
42	Development and Reporting of Prediction Models: Guidance for Authors From Editors of Respiratory, Sleep, and Critical Care Journals. Critical Care Medicine, 2020, 48, 623-633.	0.9	188
43	Resuscitation with PEGylated carboxyhemoglobin preserves renal cortical oxygenation and improves skeletal muscle microcirculatory flow during endotoxemia. American Journal of Physiology - Renal Physiology, 2020, 318, F1271-F1283.	2.7	6
44	Capillary refill time: the missing link between macrocirculation and microcirculation in septic shock?. Journal of Thoracic Disease, 2020, 12, 1127-1129.	1.4	11
45	Diastolic shock index and clinical outcomes in patients with septic shock. Annals of Intensive Care, 2020, 10, 41.	4.6	57
46	A lactate-targeted resuscitation strategy may be associated with higher mortality in patients with septic shock and normal capillary refill time: a post hoc analysis of the ANDROMEDA-SHOCK study. Annals of Intensive Care, 2020, 10, 114.	4.6	42
47	Effects of capillary refill time-vs. lactate-targeted fluid resuscitation on regional, microcirculatory and hypoxia-related perfusion parameters in septic shock: a randomized controlled trial. Annals of Intensive Care, 2020, 10, 150.	4.6	34
48	Diastolic shock index (DSI) worksâ€¦ and it could be a quite useful tool. Annals of Intensive Care, 2020, 10, 109.	4.6	1
49	Limiting Life-Sustaining Therapies. , 2020, , 109-118.		2
50	The ten pitfalls of lactate clearance in sepsis. Intensive Care Medicine, 2019, 45, 82-85.	8.2	162
51	Resuscitation Strategies Using Peripheral Perfusion vs Serum Lactate Levelsâ€"Reply. JAMA - Journal of the American Medical Association, 2019, 322, 173.	7.4	0
52	Safety and efficacy of beta-blockers to improve oxygenation in patients on veno-venous ECMO. Journal of Critical Care, 2019, 53, 248-252.	2.2	18
53	Transfusion practice in the non-bleeding critically ill: an international online surveyâ€"the TRACE survey. Critical Care, 2019, 23, 309.	5.8	42
54	International point prevalence study of Intensive Care Unit transfusion practicesâ€"Pilot study in the Netherlands. Transfusion Clinique Et Biologique, 2019, 26, 202-208.	0.4	2

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55	Current use of vasopressors in septic shock. Annals of Intensive Care, 2019, 9, 20.	4.6	109
56	Narrative review: clinical assessment of peripheral tissue perfusion in septic shock. Annals of Intensive Care, 2019, 9, 37.	4.6	95
57	Determinants of downloads and citations for articles published in Intensive Care Medicine. Intensive Care Medicine, 2019, 45, 1058-1060.	8.2	4
58	Effect of a Resuscitation Strategy Targeting Peripheral Perfusion Status vs Serum Lactate Levels on 28-Day Mortality Among Patients With Septic Shock. JAMA - Journal of the American Medical Association, 2019, 321, 654.	7.4	471
59	Clinical Assessment of Hemodynamic Instability. Lessons From the ICU, 2019, , 131-145.	0.1	0
60	Standard of usual care defines effectiveness of early goal directed therapy. Annals of Translational Medicine, 2019, 7, S352-S352.	1.7	0
61	Early rise in central venous pressure during a spontaneous breathing trial: A promising test to identify patients at high risk of weaning failure?. PLoS ONE, 2019, 14, e0225181.	2.5	6
62	Improved Guideline Adherence and Reduced Brain Dysfunction After a Multicenter Multifaceted Implementation of ICU Delirium Guidelines in 3,930 Patients. Critical Care Medicine, 2019, 47, 419-427.	0.9	40
63	Effect of Polyethylene-glycolated Carboxyhemoglobin on Renal Microcirculation in a Rat Model of Hemorrhagic Shock. Anesthesiology, 2019, 131, 1110-1124.	2.5	9
64	Preload Dependence and Microcirculation Relationship: Comment. Anesthesiology, 2019, 131, 1366-1366.	2.5	1
65	Total and highâ€affinity corticosteroidâ€binding globulin depletion in septic shock is associated with mortality. Clinical Endocrinology, 2019, 90, 232-240.	2.4	10
66	Control of Confounding and Reporting of Results in Causal Inference Studies. Guidance for Authors from Editors of Respiratory, Sleep, and Critical Care Journals. Annals of the American Thoracic Society, 2019, 16, 22-28.	3.2	458
67	Fluid administration for acute circulatory dysfunction using basic monitoring: narrative review and expert panel recommendations from an ESICM task force. Intensive Care Medicine, 2019, 45, 21-32.	8.2	80
68	Risk indicators for acute kidney injury in cardiogenic shock. Journal of Critical Care, 2019, 50, 11-16.	2.2	25
69	Prognostic relevance of serum lactate kinetics in critically ill patients. Intensive Care Medicine, 2019, 45, 55-61.	8.2	103
70	Norepinephrine in septic shock. Intensive Care Medicine, 2019, 45, 687-689.	8.2	25
71	Norepinephrine, more than a vasopressor. Annals of Translational Medicine, 2019, 7, S25-S25.	1.7	6
72	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	305

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73	Alternatives to the Swanâ€“Ganz catheter. Intensive Care Medicine, 2018, 44, 730-741.	8.2	71
74	Where some things change, others donâ€™t. Journal of Critical Care, 2018, 44, iii.	2.2	1
75	Practical Use of Lactate Levels in the Intensive Care. Journal of Intensive Care Medicine, 2018, 33, 159-165.	2.8	13
76	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.	1.6	9
77	Counterbalancing work-related stress? Work engagement among intensive care professionals. Australian Critical Care, 2018, 31, 234-241.	1.3	56
78	Lactate Measurements. Chest, 2018, 154, 1461.	0.8	0
79	Conventional Autopsy versus Minimally Invasive Autopsy with Postmortem MRI, CT, and CT-guided Biopsy: Comparison of Diagnostic Performance. Radiology, 2018, 289, 658-667.	7.3	38
80	Cardiac Function (Cardiac Output and Its Determinants). , 2018, , 51-76.		1
81	From the Editor. Journal of Critical Care, 2018, 46, iii.	2.2	0
82	Early goal-directed therapy using a physiological holistic view: the ANDROMEDA-SHOCKâ€”a randomized controlled trial. Annals of Intensive Care, 2018, 8, 52.	4.6	49
83	The practice of intensive care in Latin America: a survey of academic intensivists. Critical Care, 2018, 22, 39.	5.8	8
84	Time-limited trial of intensive care treatment: an overview of current literature. Intensive Care Medicine, 2018, 44, 1369-1377.	8.2	104
85	Holistic Monitoring and Treatment in Septic Shock. , 2018, , 3-12.		0
86	Guyton at the Bedside. , 2018, , 25-34.		0
87	Lactate. , 2018, , 131-142.		0
88	Oxygen Transport and Tissue Utilization. , 2018, , 15-23.		0
89	Attitudes, knowledge and practices concerning delirium: a survey among intensive care unit professionals. Nursing in Critical Care, 2017, 22, 133-140.	2.3	56
90	A hypoperfusion context may aid to interpret hyperlactatemia in sepsis-3 septic shock patients: a proof-of-concept study. Annals of Intensive Care, 2017, 7, 29.	4.6	44

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91	Organizational Issues, Structure, and Processes of Care in 257 ICUs in Latin America. Critical Care Medicine, 2017, 45, 1325-1336.	0.9	36
92	Lactate and microcirculation as suitable targets for hemodynamic optimization in resuscitation of circulatory shock. Current Opinion in Critical Care, 2017, 23, 348-354.	3.2	30
93	Physician-Assisted Suicide and Euthanasia in the ICU: A Dialogue on Core Ethical Issues*. Critical Care Medicine, 2017, 45, 149-155.	0.9	42
94	The authors reply. Critical Care Medicine, 2017, 45, e627.	0.9	0
95	Treatment limitations in the era of ECMO. Lancet Respiratory Medicine,the, 2017, 5, 769-770.	10.7	23
96	Patientâ€•and familyâ€centred care in the intensive care unit: a challenge in the daily practice of healthcare professionals. Journal of Clinical Nursing, 2017, 26, 3212-3223.	3.0	46
97	Capillary refill time during fluid resuscitation in patients with sepsis-related hyperlactatemia at the emergency department is related to mortality. PLoS ONE, 2017, 12, e0188548.	2.5	87
98	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. Critical Care, 2017, 21, 255.	5.8	29
99	Increasing intensity of selective digestive decontamination dosing does not result in improved clinical outcomes. Minerva Anestesiologica, 2017, 83, 529-530.	1.0	1
100	Intensifying SDD, a thought generating analysis. Minerva Anestesiologica, 2017, 83, 777.	1.0	0
101	Lactate is THE target for early resuscitation in sepsis. Revista Brasileira De Terapia Intensiva, 2017, 29, 124-127.	0.3	9
102	Microcirculation improvement after short-term infusion of vasopressin in septic shock is dependent on noradrenaline. Clinics, 2017, 72, 750-757.	1.5	10
103	4 De bedreigde klinische patiÃ«nt. , 2017, , 87-96.		0
104	Prolonged mechanical ventilation and chronic critical illness. Journal of Thoracic Disease, 2016, 8, 751-753.	1.4	9
105	Early Circulating Lactate and Glucose Levels After Aneurysmal Subarachnoid Hemorrhage Correlate With Poor Outcome and Delayed Cerebral Ischemia. Critical Care Medicine, 2016, 44, 966-972.	0.9	40
106	Vasopressor therapy: not like antibiotics!. Intensive Care Medicine, 2016, 42, 1195-1196.	8.2	0
107	Severe Infections are Common in Thiamine Deficiency and May be Related to Cognitive Outcomes: A Cohort Study of 68 Patients With Wernicke-Korsakoff Syndrome. Psychosomatics, 2016, 57, 624-633.	2.5	30
108	Ketamine use in sedation management in patients receiving extracorporeal membrane oxygenation. Intensive Care Medicine, 2016, 42, 1822-1823.	8.2	35

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109	Effects of dexmedetomidine and esmolol on systemic hemodynamics and exogenous lactate clearance in early experimental septic shock. Critical Care, 2016, 20, 234.	5.8	38
110	Lactate levels and hemodynamic coherence in acute circulatory failure. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2016, 30, 523-530.	4.0	23
111	Focus on acute circulatory failure. Intensive Care Medicine, 2016, 42, 1862-1864.	8.2	1
112	Joined forces in person-centered care in the intensive care unit: a case report from the Netherlands. Journal of Compassionate Health Care, 2016, 3, .	1.2	2
113	Hospitalized patients at risk of dying: an Intensive Care Medicine call for papers. Intensive Care Medicine, 2016, 42, 1-2.	8.2	12
114	Fatal calyceal-venous fistula. Intensive Care Medicine, 2016, 42, 1805-1805.	8.2	1
115	Changes in peripheral perfusion relate to visceral organ perfusion in early septic shock: A pilot study. Journal of Critical Care, 2016, 35, 105-109.	2.2	74
116	Understanding clinical signs of poor tissue perfusion during septic shock. Intensive Care Medicine, 2016, 42, 2070-2072.	8.2	48
117	Lactate-guided resuscitation saves lives: we are not sure. Intensive Care Medicine, 2016, 42, 472-474.	8.2	38
118	The Brain Is Not Dead When the Cortex Is Dead. Critical Care Medicine, 2015, 43, e208.	0.9	3
119	594. Critical Care Medicine, 2015, 43, 150.	0.9	1
120	Clinical assessment of peripheral circulation. Current Opinion in Critical Care, 2015, 21, 226-231.	3.2	39
121	International Study on Microcirculatory Shock Occurrence in Acutely Ill Patients*. Critical Care Medicine, 2015, 43, 48-56.	0.9	122
122	Impairment of exogenous lactate clearance in experimental hyperdynamic septic shock is not related to total liver hypoperfusion. Critical Care, 2015, 19, 188.	5.8	42
123	A systematic review of implementation strategies for assessment, prevention, and management of ICU delirium and their effect on clinical outcomes. Critical Care, 2015, 19, 157.	5.8	210
124	Endotracheal suctioning with nonsterile gloves and only when necessary!. Intensive Care Medicine, 2015, 41, 1500-1501.	8.2	3
125	Right Ventricular Unloading after Initiation of Venovenous Extracorporeal Membrane Oxygenation. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 346-348.	5.6	90
126	Year in review in Intensive Care Medicine 2014: I. Cardiac dysfunction and cardiac arrest, ultrasound, neurocritical care, ICU-acquired weakness, nutrition, acute kidney injury, and miscellaneous. Intensive Care Medicine, 2015, 41, 179-191.	8.2	5

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127	Early Peripheral Perfusionâ€“guided Fluid Therapy in Patients with Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 477-480.	5.6	60
128	Tissue perfusion and oxygenation to monitor fluid responsiveness in critically ill, septic patients after initial resuscitation: a prospective observational study. Journal of Clinical Monitoring and Computing, 2015, 29, 707-712.	1.6	26
129	Early lactate clearance-guided therapy in patients with sepsis: a meta-analysis with trial sequential analysis of randomized controlled trials. Intensive Care Medicine, 2015, 41, 1862-1863.	8.2	125
130	Lost in Translation. Critical Care Medicine, 2015, 43, 705-706.	0.9	9
131	Fluid resuscitation in ICU patients: quo vadis?. Intensive Care Medicine, 2015, 41, 1667-1669.	8.2	17
132	Year in review in Intensive Care Medicine 2014: III. Severe infections, septic shock, healthcare-associated infections, highly resistant bacteria, invasive fungal infections, severe viral infections, Ebola virus disease and paediatrics. Intensive Care Medicine, 2015, 41, 575-588.	8.2	22
133	Starling curves and central venous pressure. Critical Care, 2015, 19, 55.	5.8	92
134	Year in review in Intensive Care Medicine 2014: II. ARDS, airway management, ventilation, adjuvants in sepsis, hepatic failure, symptoms assessment and management, palliative care and support for families, prognostication, organ donation, outcome, organisation and research methodology. Intensive Care Medicine, 2015, 41, 389-401.	8.2	10
135	Whatâ€™s new on the HPA axis?. Intensive Care Medicine, 2015, 41, 1477-1479.	8.2	5
136	Gain-of-function single nucleotide variants of the CYP2C19 gene (CYP2C19*17) can identify subtherapeutic voriconazole concentrations in critically ill patients: a case series. Intensive Care Medicine, 2015, 41, 2013-2014.	8.2	6
137	Postural change in volunteers: sympathetic tone determines microvascular response to cardiac preload and output increases. Clinical Autonomic Research, 2015, 25, 347-354.	2.5	7
138	An Observational Study on a Protocol for Withdrawal of Life-Sustaining Measures on Two Non-Academic Intensive Care Units in The Netherlands: Few Signs of Distress, No Suffering?. Journal of Pain and Symptom Management, 2015, 50, 676-684.	1.2	31
139	Peripheral Perfusion Index Predicts Hypotension during Fluid Withdrawal by Continuous Veno-Venous Hemofiltration in Critically Ill Patients. Blood Purification, 2015, 40, 92-98.	1.8	20
140	Evaluation of 7.5Âyears of Surviving Sepsis Campaign Guidelines. Intensive Care Medicine, 2015, 41, 151-153.	8.2	7
141	The Prevalence of Compassion Fatigue and Burnout among Healthcare Professionals in Intensive Care Units: A Systematic Review. PLoS ONE, 2015, 10, e0136955.	2.5	399
142	Hepatosplanchnic circulation in cirrhosis and sepsis. World Journal of Gastroenterology, 2015, 21, 2582.	3.3	28
143	When to stop septic shock resuscitation: clues from a dynamic perfusion monitoring. Annals of Intensive Care, 2014, 4, 30.	4.6	105
144	Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. Intensive Care Medicine, 2014, 40, 1795-1815.	8.2	1,240

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145	Nitroglycerin reverts clinical manifestations of poor peripheral perfusion in patients with circulatory shock. Critical Care, 2014, 18, R126.	5.8	42
146	Improvement of care for ICU patients with delirium by early screening and treatment: study protocol of iDECePTIvE study. Implementation Science, 2014, 9, 143.	6.9	16
147	The effect of goal-directed therapy on mortality in patients with sepsis - earlier is better: a meta-analysis of randomized controlled trials. Critical Care, 2014, 18, 570.	5.8	80
148	Year in review in Intensive Care Medicine 2013: II. Sedation, invasive and noninvasive ventilation, airways, ARDS, ECMO, family satisfaction, end-of-life care, organ donation, informed consent, safety, hematological issues in critically ill patients. Intensive Care Medicine, 2014, 40, 305-319.	8.2	19
149	Year in review in Intensive Care Medicine 2013: III. Sepsis, infections, respiratory diseases, pediatrics. Intensive Care Medicine, 2014, 40, 471-483.	8.2	7
150	Year in review in Intensive Care Medicine 2013: I. Acute kidney injury, ultrasound, hemodynamics, cardiac arrest, transfusion, neurocritical care, and nutrition. Intensive Care Medicine, 2014, 40, 147-159.	8.2	22
151	Extreme Blood Pressure Oscillations in a Patient With a MEN-2a Syndrome. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 701-702.	3.6	1
152	Clinical monitoring of peripheral perfusion: there is more to learn. Critical Care, 2014, 18, 113.	5.8	19
153	Understanding venous return. Intensive Care Medicine, 2014, 40, 1564-1566.	8.2	56
154	Colistin for the treatment of ventilator-associated pneumonia caused by multidrug-resistant Gram-negative bacteria: A systematic review and meta-analysis. International Journal of Antimicrobial Agents, 2014, 44, 477-485.	2.5	49
155	Colistin, SDD and resistance: nihil novi sub sole. Intensive Care Medicine, 2014, 40, 1065-1065.	8.2	2
156	Bis maltolato oxovanadium (BMOV) and ischemia/reperfusion-induced acute kidney injury in rats. Intensive Care Medicine Experimental, 2014, 2, 3.	1.9	0
157	Relativesâ€™ perspectives on the quality of care in an Intensive Care Unit: The theoretical concept of a new tool. Patient Education and Counseling, 2014, 95, 406-413.	2.2	21
158	Hastening death due to administration of sedatives and opioids after withdrawal of life-sustaining measures: even in the absence of discomfort?. Journal of Critical Care, 2014, 29, 455-456.	2.2	7
159	Microvascular Perfusion as a Target for Fluid Resuscitation in Experimental Circulatory Shock*. Critical Care Medicine, 2014, 42, e96-e105.	0.9	51
160	Clinical assessment of peripheral perfusion to predict postoperative complications after major abdominal surgery early: a prospective observational study in adults. Critical Care, 2014, 18, R114.	5.8	87
161	Clinical use of lactate monitoring in critically ill patients. Annals of Intensive Care, 2013, 3, 12.	4.6	318
162	Re-thinking resuscitation: leaving blood pressure cosmetics behind and moving forward to permissive hypotension and a tissue perfusion-based approach. Critical Care, 2013, 17, 326.	5.8	137

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163	Memorable patients: Iâ€™ll be dead on Friday. Intensive Care Medicine, 2013, 39, 962-962.	8.2	0
164	Inflatable external upper and lower leg compression improves stroke volume and peripheral perfusion during central hypovolemia in healthy volunteers. Future Cardiology, 2013, 9, 649-655.	1.2	1
165	A novel approach to assess hemorrhagic shock severity using the arterially determined left ventricular isovolumic contraction period. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1790-H1797.	3.2	2
166	Risk of infection and sepsis in severely injured patients related to single nucleotide polymorphisms in the lectin pathway. British Journal of Surgery, 2013, 100, 1818-1826.	0.3	20
167	Inflatable external leg compression prevents orthostatic hypotension in a patient with a traumatic cervical spinal cord injury. Future Cardiology, 2013, 9, 645-648.	1.2	5
168	Laser speckle imaging identification of increases in cortical microcirculatory blood flow induced by motor activity during awake craniotomy. Journal of Neurosurgery, 2013, 118, 280-286.	1.6	59
169	Peripheral Perfusion Index as an Early Predictor for Central Hypovolemia in Awake Healthy Volunteers. Anesthesia and Analgesia, 2013, 116, 351-356.	2.2	90
170	Single-nucleotide polymorphisms in the Toll-like receptor pathway increase susceptibility to infections in severely injured trauma patients. Journal of Trauma and Acute Care Surgery, 2013, 74, 862-870.	2.1	27
171	Biomarkers for the prediction of acute kidney injury: a narrative review on current status and future challenges. CKJ: Clinical Kidney Journal, 2012, 5, 102-108.	2.9	145
172	Study Design of the Microcirculatory Shock Occurrence in Acutely Ill Patients (microSOAP): an International Multicenter Observational Study of Sublingual Microcirculatory Alterations in Intensive Care Patients. Critical Care Research and Practice, 2012, 2012, 1-7.	1.1	9
173	The Eldicus prospective, observational study of triage decision making in European intensive care units. Part II. Critical Care Medicine, 2012, 40, 132-138.	0.9	178
174	The Eldicus prospective, observational study of triage decision making in European intensive care units. Critical Care Medicine, 2012, 40, 125-131.	0.9	80
175	Persistent peripheral and microcirculatory perfusion alterations after out-of-hospital cardiac arrest are associated with poor survival*. Critical Care Medicine, 2012, 40, 2287-2294.	0.9	115
176	External validation of a prognostic model predicting time of death after withdrawal of life support in neurocritical patients*. Critical Care Medicine, 2012, 40, 233-238.	0.9	41
177	Clinical review: Clinical imaging of the sublingual microcirculation in the critically ill - where do we stand?. Critical Care, 2012, 16, 224.	5.8	78
178	Clinical review: Circulatory shock - an update: a tribute to Professor Max Harry Weil. Critical Care, 2012, 16, 239.	5.8	73
179	Direct Cost Analysis of Intensive Care Unit Stay in Four European Countries: Applying a Standardized Costing Methodology. Value in Health, 2012, 15, 81-86.	0.3	126
180	A National Multicenter Trial on Family Presence During Brain Death Determination: The FABRA Study. Neurocritical Care, 2012, 17, 301-308.	2.4	16

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