

Daniel De Backer

List of Publications by Year in descending order

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Version: 2024-02-01

411
papers

39,433
citations

5268

83
h-index

2828

191
g-index

428
all docs

428
docs citations

428
times ranked

22021
citing authors

#	ARTICLE	IF	CITATIONS
1	Echocardiography of the Ventilated Patient. , 2022, , 575-584.		0
2	Does the definition of fluid responsiveness affect passive leg raising reliability? A methodological ancillary analysis from a multicentric study. <i>Minerva Anestesiologica</i> , 2022, 88, .	1.0	5
3	Current practice and evolving concepts in septic shock resuscitation. <i>Intensive Care Medicine</i> , 2022, 48, 148-163.	8.2	55
4	Effects of Reversal of Hypotension on Cerebral Microcirculation and Metabolism in Experimental Sepsis. <i>Biomedicines</i> , 2022, 10, 923.	3.2	1
5	Noninvasive Monitoring in the Intensive Care Unit. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 040-046.	2.1	1
6	The PRICES statement: an ESICM expert consensus on methodology for conducting and reporting critical care echocardiography research studies. <i>Intensive Care Medicine</i> , 2021, 47, 1-13.	8.2	72
7	Cardiac output estimation using pulse wave analysisâ€”physiology, algorithms, and technologies: a narrative review. <i>British Journal of Anaesthesia</i> , 2021, 126, 67-76.	3.4	66
8	Pulmonary Pressures. , 2021, , 31-37.		0
9	Current use of inotropes in circulatory shock. <i>Annals of Intensive Care</i> , 2021, 11, 21.	4.6	35
10	Septic shock: a microcirculation disease. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 85-91.	2.0	40
11	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. <i>Critical Care Medicine</i> , 2021, 49, 598-622.	0.9	49
12	The Surviving Sepsis Campaign: Fluid Resuscitation and Vasopressor Therapy Research Priorities in Adult Patients. <i>Critical Care Medicine</i> , 2021, 49, 623-635.	0.9	25
13	The medical treatment of cardiogenic shock: cardiovascular drugs. <i>Current Opinion in Critical Care</i> , 2021, 27, 426-432.	3.2	11
14	The surviving sepsis campaign: fluid resuscitation and vasopressor therapy research priorities in adult patients. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 10.	1.9	21
15	The Surviving Sepsis Campaign: research priorities for the administration, epidemiology, scoring and identification of sepsis. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 34.	1.9	27
16	Changes in central venous-to-arterial carbon dioxide tension induced by fluid bolus in critically ill patients. <i>PLoS ONE</i> , 2021, 16, e0257314.	2.5	3
17	Surviving Sepsis Campaign: Research Opportunities for Infection and Blood Purification Therapies. , 2021, 3, e0511.		11
18	Vasopressor Support for Patients with Cardiopulmonary Failure. , 2021, , 751-758.		0

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19	Pulse Wave Analysis to Estimate Cardiac Output. <i>Anesthesiology</i> , 2021, 134, 119-126.	2.5	47
20	Equilibrating SSC guidelines with individualized care. <i>Critical Care</i> , 2021, 25, 397.	5.8	38
21	Hydroxyethyl Starch vs Saline for Volume Expansion After Abdominal Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 200.	7.4	0
22	The Surviving Sepsis Campaign: Basic/Translational Science Research Priorities*. <i>Critical Care Medicine</i> , 2020, 48, 1217-1232.	0.9	18
23	Multisystem Inflammatory Syndrome With Complete Kawasaki Disease Features Associated With SARS-CoV-2 Infection in a Young Adult. A Case Report. <i>Frontiers in Medicine</i> , 2020, 7, 428.	2.6	32
24	A strange position of a venous drainage ECMO cannula. <i>Intensive Care Medicine</i> , 2020, 46, 1755-1756.	8.2	0
25	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
26	The I-MICRO trial, Ilomedin for treatment of septic shock with persistent microperfusion defects: a double-blind, randomized controlled trial study protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 601.	1.6	9
27	Recommendations for core critical care ultrasound competencies as a part of specialist training in multidisciplinary intensive care: a framework proposed by the European Society of Intensive Care Medicine (ESICM). <i>Critical Care</i> , 2020, 24, 393.	5.8	43
28	Microvascular Dysfunction in the Critically Ill. <i>Critical Care Clinics</i> , 2020, 36, 323-331.	2.6	15
29	Effects of very early start of norepinephrine in patients with septic shock: a propensity score-based analysis. <i>Critical Care</i> , 2020, 24, 52.	5.8	97
30	What is the role of invasive hemodynamic monitoring in critical care?. , 2020, , 332-337.e1.		0
31	Microcirculatory Blood Flow as a New Tool for Perioperative Fluid Management. , 2020, , 169-180.		1
32	The fluid challenge. <i>Critical Care</i> , 2020, 24, 703.	5.8	41
33	Microcirculatory dysfunction and dead-space ventilation in early ARDS: a hypothesis-generating observational study. <i>Annals of Intensive Care</i> , 2020, 10, 35.	4.6	17
34	The surviving sepsis campaign: basic/translational science research priorities. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 31.	1.9	10
35	Determinants of the effect of extracorporeal carbon dioxide removal in the SUPERNOVA trial: implications for trial design. <i>Intensive Care Medicine</i> , 2019, 45, 1219-1230.	8.2	40
36	Blood CD9+ B cell, a biomarker of bronchiolitis obliterans syndrome after lung transplantation. <i>American Journal of Transplantation</i> , 2019, 19, 3162-3175.	4.7	14

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37	The effect of a rapid molecular blood test on the use of antibiotics for nosocomial sepsis: a randomized clinical trial. <i>Journal of Intensive Care</i> , 2019, 7, 37.	2.9	14
38	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: "AbSe", a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , 2019, 45, 1703-1717.	8.2	103
39	Estimation of central arterial pressure from the radial artery in patients undergoing invasive neuroradiological procedures. <i>BMC Anesthesiology</i> , 2019, 19, 173.	1.8	5
40	Sigh maneuver to enhance assessment of fluid responsiveness during pressure support ventilation. <i>Critical Care</i> , 2019, 23, 31.	5.8	16
41	Clinical examination: a trigger but not a substitute for hemodynamic evaluation. <i>Intensive Care Medicine</i> , 2019, 45, 269-271.	8.2	11
42	Thinking forward: promising but unproven ideas for future intensive care. <i>Critical Care</i> , 2019, 23, 197.	5.8	2
43	Understanding Hyperlactatemia in Human Sepsis: Are We Making Progress?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1070-1071.	5.6	2
44	Minimizing catecholamines and optimizing perfusion. <i>Critical Care</i> , 2019, 23, 149.	5.8	45
45	Current use of vasopressors in septic shock. <i>Annals of Intensive Care</i> , 2019, 9, 20.	4.6	109
46	Angiotensin-converting enzymes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2019, 45, 1159-1160.	8.2	22
47	Feasibility and safety of extracorporeal CO2 removal to enhance protective ventilation in acute respiratory distress syndrome: the SUPERNOVA study. <i>Intensive Care Medicine</i> , 2019, 45, 592-600.	8.2	175
48	Assessment of the "Microcirculation. <i>Lessons From the ICU</i> , 2019, , 147-155.	0.1	0
49	Challenges in the management of septic shock: a narrative review. <i>Intensive Care Medicine</i> , 2019, 45, 420-433.	8.2	52
50	Fifty Years of Management of Vasodilatory Shock. <i>International Anesthesiology Clinics</i> , 2019, 57, 31-47.	0.8	3
51	Is microcirculatory assessment ready for regular use in clinical practice?. <i>Current Opinion in Critical Care</i> , 2019, 25, 280-284.	3.2	27
52	Rebuttal From Drs Levy, Rhodes, and Evans. <i>Chest</i> , 2019, 155, 19-20.	0.8	5
53	COUNTERPOINT: Should the Surviving Sepsis Campaign Guidelines Be Retired? No. <i>Chest</i> , 2019, 155, 14-17.	0.8	15
54	Fluid administration for acute circulatory dysfunction using basic monitoring: narrative review and expert panel recommendations from an ESICM task force. <i>Intensive Care Medicine</i> , 2019, 45, 21-32.	8.2	80

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55	Recruiting the microcirculation in septic shock. <i>Annals of Intensive Care</i> , 2019, 9, 102.	4.6	27
56	Vasopressors in Sepsis. , 2018, , 127-138.		1
57	Research in Extracorporeal Life Support. <i>Chest</i> , 2018, 153, 788-791.	0.8	28
58	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. <i>Intensive Care Medicine</i> , 2018, 44, 281-299.	8.2	305
59	In Response. <i>Anesthesia and Analgesia</i> , 2018, 126, 1088-1089.	2.2	0
60	Antimicrobial resistance and antibiotic stewardship programs in the ICU: insistence and persistence in the fight against resistance. A position statement from ESICM/ESCMID/WAAAR round table on multi-drug resistance. <i>Intensive Care Medicine</i> , 2018, 44, 189-196.	8.2	101
61	Norepinephrine improves cardiac function during septic shock, but why?. <i>British Journal of Anaesthesia</i> , 2018, 120, 421-424.	3.4	25
62	We Do Not Appreciate SALT. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1361-1361.	5.6	5
63	Alternatives to the Swan-Ganz catheter. <i>Intensive Care Medicine</i> , 2018, 44, 730-741.	8.2	71
64	Comprehensive in-hospital monitoring in acute heart failure: applications for clinical practice and future directions for research. A statement from the Acute Heart Failure Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). <i>European Journal of Heart Failure</i> , 2018, 20, 1081-1099.	7.1	57
65	The pulmonary artery catheter: is it still alive?. <i>Current Opinion in Critical Care</i> , 2018, 24, 204-208.	3.2	40
66	The ten principles behind arterial pressure. <i>Intensive Care Medicine</i> , 2018, 44, 911-914.	8.2	5
67	Peripheral Muscle Near-Infrared Spectroscopy Variables are Altered Early in Septic Shock. <i>Shock</i> , 2018, 50, 87-95.	2.1	13
68	Looking beyond macroventilatory parameters and rethinking ventilator-induced lung injury. <i>Journal of Applied Physiology</i> , 2018, 124, 1214-1218.	2.5	12
69	From Early Goal-Directed Therapy to Late(r) Scvo2 Checks. <i>Chest</i> , 2018, 154, 1267-1269.	0.8	16
70	Renal autoregulation in experimental septic shock and its response to vasopressin and norepinephrine administration. <i>Journal of Applied Physiology</i> , 2018, 125, 1661-1669.	2.5	4
71	Is there still a place for the Swan-Ganz catheter? We are not sure. <i>Intensive Care Medicine</i> , 2018, 44, 960-962.	8.2	16
72	Days alive and free as an alternative to a mortality outcome in pivotal vasopressor and septic shock trials. <i>Journal of Critical Care</i> , 2018, 47, 333-337.	2.2	34

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73	Surviving sepsis campaign: research priorities for sepsis and septic shock. Intensive Care Medicine, 2018, 44, 1400-1426.	8.2	159
74	Last Word on Viewpoint: Looking beyond macroventilatory parameters and rethinking ventilator-induced lung injury. Journal of Applied Physiology, 2018, 124, 1220-1221.	2.5	2
75	Surviving Sepsis Campaign: Research Priorities for Sepsis and Septic Shock. Critical Care Medicine, 2018, 46, 1334-1356.	0.9	102
76	Transcutaneous O2 and CO2 Monitoring. , 2018, , 173-180.		0
77	Should we measure the central venous pressure to guide fluid management? Ten answers to 10 questions. Critical Care, 2018, 22, 43.	5.8	143
78	Skin microcirculatory reactivity assessed using a thermal challenge is decreased in patients with circulatory shock and associated with outcome. Annals of Intensive Care, 2018, 8, 60.	4.6	16
79	Optical Monitoring. , 2018, , 153-171.		0
80	A global perspective on vasoactive agents in shock. Intensive Care Medicine, 2018, 44, 833-846.	8.2	69
81	The hemodynamic effects of norepinephrine: far more than an increase in blood pressure!. Annals of Translational Medicine, 2018, 6, S25-S25.	1.7	43
82	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Intensive Care Medicine, 2017, 43, 304-377.	8.2	4,590
83	Surviving Sepsis Guidelines. JAMA - Journal of the American Medical Association, 2017, 317, 807.	7.4	72
84	No relationship between red blood cell distribution width and microcirculatory alterations in septic patients. Clinical Hemorheology and Microcirculation, 2017, 66, 131-141.	1.7	18
85	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Critical Care Medicine, 2017, 45, 486-552.	0.9	2,336
86	Effects of dobutamine on intestinal microvascular blood flow heterogeneity and O_2 extraction during septic shock. Journal of Applied Physiology, 2017, 122, 1406-1417.	2.5	27
87	Oral Nitrate Increases Microvascular Reactivity and the Number of Visible Perfused Microvessels in Healthy Volunteers. Journal of Vascular Research, 2017, 54, 209-216.	1.4	7
88	Microcirculatory blood flow derangements during severe preeclampsia and HELLP syndrome. Pregnancy Hypertension, 2017, 10, 124-130.	1.4	15
89	The effects of acute renal denervation on kidney perfusion and metabolism in experimental septic shock. BMC Nephrology, 2017, 18, 182.	1.8	5
90	Administration of Tetrahydrobiopterin (BH4) Protects the Renal Microcirculation From Ischemia and Reperfusion Injury. Anesthesia and Analgesia, 2017, 125, 1253-1260.	2.2	6

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91	Changes in kidney perfusion and renal cortex metabolism in septic shock: an experimental study. <i>Journal of Surgical Research</i> , 2017, 207, 145-154.	1.6	5
92	Early goal directed therapy: where do we stand after the individual patient's meta-analysis?. <i>Journal of Emergency and Critical Care Medicine</i> , 2017, , 36-36.	0.7	0
93	Altered liver function in patients undergoing veno-arterial extracorporeal membrane oxygenation therapy. <i>Minerva Anestesiologica</i> , 2017, 83, 255 - 265.	1.0	19
94	Seven unconfirmed ideas to improve future ICU practice. <i>Critical Care</i> , 2017, 21, 315.	5.8	6
95	Detailing the cardiovascular profile in shock patients. <i>Critical Care</i> , 2017, 21, 311.	5.8	28
96	Endocan as an early biomarker of severity in patients with acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017, 7, 93.	4.6	33
97	Chronic kidney disease as major determinant of the renal risk related to on-pump cardiac surgery: a single-center cohort study. <i>Acta Chirurgica Belgica</i> , 2016, 116, 217-224.	0.4	3
98	The Endothelium in Sepsis. <i>Shock</i> , 2016, 45, 259-270.	2.1	453
99	ISCHEMIC CONDITIONING PROTECTS THE MICROCIRCULATION, PRESERVES ORGAN FUNCTION, AND PROLONGS SURVIVAL IN SEPSIS. <i>Shock</i> , 2016, 45, 419-427.	2.1	20
100	Beta-blockers in septic shock to optimize hemodynamics? We are not sure. <i>Intensive Care Medicine</i> , 2016, 42, 1613-1614.	8.2	6
101	THE EFFECTS OF FENOLDOPAM ON RENAL FUNCTION AND METABOLISM IN AN OVINE MODEL OF SEPTIC SHOCK. <i>Shock</i> , 2016, 45, 385-392.	2.1	7
102	The Impact of Renal Failure and Renal Replacement Therapy on Outcome During Extracorporeal Membrane Oxygenation Therapy. <i>Artificial Organs</i> , 2016, 40, 746-754.	1.9	80
103	Effects of Different Crystalloid Solutions on Hemodynamics, Peripheral Perfusion, and the Microcirculation in Experimental Abdominal Sepsis. <i>Anesthesiology</i> , 2016, 125, 744-754.	2.5	35
104	Advances in antibiotic therapy in the critically ill. <i>Critical Care</i> , 2016, 20, 133.	5.8	94
105	Microvascular reactivity is altered early in patients with acute respiratory distress syndrome. <i>Respiratory Research</i> , 2016, 17, 59.	3.6	21
106	Less invasive hemodynamic monitoring in critically ill patients. <i>Intensive Care Medicine</i> , 2016, 42, 1350-1359.	8.2	212
107	Fluid management in sepsis: The potential beneficial effects of albumin. <i>Journal of Critical Care</i> , 2016, 35, 161-167.	2.2	93
108	Sepsis: frontiers in diagnosis, resuscitation and antibiotic therapy. <i>Intensive Care Medicine</i> , 2016, 42, 1958-1969.	8.2	151

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109	Saline versus balanced solutions: are clinical trials comparing two crystalloid solutions really needed?. <i>Critical Care</i> , 2016, 20, 250.	5.8	19
110	Composition of the Sepsis Definitions Task Force—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 462.	7.4	2
111	Evaluation of Tissue Oxygenation. , 2016, , 91-97.		0
112	Microcirculatory Blood Flow as a New Tool for Perioperative Fluid Management. , 2016, , 159-170.		1
113	ShockOmics: multiscale approach to the identification of molecular biomarkers in acute heart failure induced by shock. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 9.	2.6	20
114	Early goal-directed therapy: do we have a definitive answer?. <i>Intensive Care Medicine</i> , 2016, 42, 1048-1050.	8.2	32
115	A high-dose aminoglycoside regimen combined with renal replacement therapy for the treatment of MDR pathogens: a proof-of-concept study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1386-1394.	3.0	27
116	Lactate-guided resuscitation saves lives: we are not sure. <i>Intensive Care Medicine</i> , 2016, 42, 472-474.	8.2	38
117	Can venous-to-arterial carbon dioxide differences reflect microcirculatory alterations in patients with septic shock?. <i>Intensive Care Medicine</i> , 2016, 42, 211-221.	8.2	140
118	A new device for the prevention of pulmonary embolism in critically ill patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 456-462.	2.1	29
119	$\hat{\beta}$ -Lactam pharmacokinetics during extracorporeal membrane oxygenation therapy: A case—control study. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 278-282.	2.5	93
120	Evaluation of endothelial damage in sepsis-related ARDS using circulating endothelial cells. <i>Intensive Care Medicine</i> , 2015, 41, 231-238.	8.2	37
121	The Surviving Sepsis Campaign bundles and outcome: results from the International Multicentre Prevalence Study on Sepsis (the IMPreSS study). <i>Intensive Care Medicine</i> , 2015, 41, 1620-1628.	8.2	323
122	Fluid challenges in intensive care: the FENICE study. <i>Intensive Care Medicine</i> , 2015, 41, 1529-1537.	8.2	442
123	Point-of-care ultrasound in intensive care units: assessment of 1073 procedures in a multicentric, prospective, observational study. <i>Intensive Care Medicine</i> , 2015, 41, 1638-1647.	8.2	145
124	Renal replacement therapy in acute kidney injury: controversy and consensus. <i>Critical Care</i> , 2015, 19, 146.	5.8	157
125	Is There a Role for Invasive Hemodynamic Monitoring in Acute Heart Failure Management?. <i>Current Heart Failure Reports</i> , 2015, 12, 197-204.	3.3	7
126	Combination of arterial lactate levels and venous-arterial CO ₂ to arterial-venous O ₂ content difference ratio as markers of resuscitation in patients with septic shock. <i>Intensive Care Medicine</i> , 2015, 41, 796-805.	8.2	109

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127	Microcirculation Alterations in Patients With Severe Sepsis. <i>Clinical Pulmonary Medicine</i> , 2015, 22, 31-35.	0.3	1
128	Near infrared spectroscopy (NIRS) to assess the effects of local ischemic preconditioning in the muscle of healthy volunteers and critically ill patients. <i>Microvascular Research</i> , 2015, 102, 25-32.	2.5	19
129	Effects of fluid administration on renal perfusion in critically ill patients. <i>Critical Care</i> , 2015, 19, 250.	5.8	34
130	Transluminal or Percutaneous Endoscopic Drainage and Debridement of Abscesses After Bariatric Surgery: a Case Series. <i>Obesity Surgery</i> , 2015, 25, 2190-2199.	2.1	9
131	Normobaric hyperoxia alters the microcirculation in healthy volunteers. <i>Microvascular Research</i> , 2015, 98, 23-28.	2.5	76
132	Does basiliximab induction trigger lifethreatening ARDS and shock in young patients after kidney transplantation?. <i>Clinical Nephrology</i> , 2015, 83 (2015), 61-70.	0.7	2
133	Early management of sepsis. <i>Clinical and Experimental Emergency Medicine</i> , 2014, 1, 3-7.	1.6	44
134	Intensive Care Ultrasound: VI. Fluid Responsiveness and Shock Assessment. <i>Annals of the American Thoracic Society</i> , 2014, 11, 129-136.	3.2	37
135	Lactate Change After Cardiopulmonary Resuscitation. <i>Critical Care Medicine</i> , 2014, 42, e805-e806.	0.9	2
136	Let's change our behaviors: From bed rest and heavy sedation to awake, spontaneously breathing and early mobilized Intensive Care Unit patients. <i>Indian Journal of Critical Care Medicine</i> , 2014, 18, 558-559.	0.9	2
137	Consensus on circulatory shock and hemodynamic monitoring. Task force of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2014, 40, 1795-1815.	8.2	1,240
138	Vancomycin population pharmacokinetics during extracorporeal membrane oxygenation therapy: a matched cohort study. <i>Critical Care</i> , 2014, 18, 632.	5.8	83
139	A Unified Theory of Sepsis-Induced Acute Kidney Injury. <i>Shock</i> , 2014, 41, 3-11.	2.1	602
140	Ultrasonic evaluation of the heart. <i>Current Opinion in Critical Care</i> , 2014, 20, 309-314.	3.2	16
141	Extracorporeal cardiopulmonary resuscitation. <i>Current Opinion in Critical Care</i> , 2014, 20, 259-265.	3.2	124
142	Should We Aim at High Blood Pressure Targets in Patients With Cardiogenic Shock?. <i>Shock</i> , 2014, 41, 365-366.	2.1	3
143	Pathophysiology of microcirculatory dysfunction and the pathogenesis of septic shock. <i>Virulence</i> , 2014, 5, 73-79.	4.4	297
144	Understanding hypovolaemia. <i>Intensive Care Medicine</i> , 2014, 40, 613-615.	8.2	30

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145	Circulatory Shock. <i>New England Journal of Medicine</i> , 2014, 370, 582-583.	27.0	44
146	International consensus statement on training standards for advanced critical care echocardiography. <i>Intensive Care Medicine</i> , 2014, 40, 654-666.	8.2	201
147	My paper 20 years later: effects of dobutamine on the VO ₂ /DO ₂ relationship. <i>Intensive Care Medicine</i> , 2014, 40, 1643-1648.	8.2	16
148	Monitoring the microcirculation in critically ill patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2014, 28, 441-451.	4.0	37
149	Position Paper for the Organization of Extracorporeal Membrane Oxygenation Programs for Acute Respiratory Failure in Adult Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 488-496.	5.6	400
150	Outcome of elderly patients with circulatory failure. <i>Intensive Care Medicine</i> , 2014, 40, 50-56.	8.2	44
151	Physicians declining patient enrollment in clinical trials: what are the implications?. <i>Intensive Care Medicine</i> , 2014, 40, 117-119.	8.2	9
152	Combination of veno-arterial extracorporeal membrane oxygenation and hypothermia for out-of-hospital cardiac arrest due to Taxus intoxication. <i>Canadian Journal of Emergency Medicine</i> , 2014, 16, 504-507.	1.1	23
153	Sepsis Is Associated With Altered Cerebral Microcirculation and Tissue Hypoxia in Experimental Peritonitis*. <i>Critical Care Medicine</i> , 2014, 42, e114-e122.	0.9	98
154	Levosimendan for the treatment of subarachnoid hemorrhage-related cardiogenic shock. <i>Intensive Care Medicine</i> , 2013, 39, 1497-1498.	8.2	14
155	Cerebral oximetry to adjust cerebral and systemic circulation after cardiac arrest. <i>Intensive Care Medicine</i> , 2013, 39, 970-971.	8.2	3
156	Development of acute kidney injury during continuous infusion of vancomycin in septic patients. <i>Infection</i> , 2013, 41, 811-820.	4.7	20
157	Clinical Management of the Cardiovascular Failure in Sepsis. <i>Current Vascular Pharmacology</i> , 2013, 11, 222-242.	1.7	14
158	Evaluation of cardiac output in intensive care using a noninvasive arterial pulse contour technique (Nexfin [®]) compared with echocardiography. <i>Anaesthesia</i> , 2013, 68, 917-923.	3.8	34
159	Can changes in renal function predict variations in \hat{I}^2 -lactam concentrations in septic patients?. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 422-428.	2.5	41
160	Circulatory Shock. <i>New England Journal of Medicine</i> , 2013, 369, 1726-1734.	27.0	1,012
161	Continuous infusion of vancomycin in septic patients receiving continuous renal replacement therapy. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 261-266.	2.5	43
162	Study of therapeutic hypothermia (32 to 35°C) for intracranial pressure reduction after traumatic brain injury (the Eurotherm3235Trial): outcome of the pilot phase of the trial. <i>Trials</i> , 2013, 14, 277.	1.6	20

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163	Re-visiting visiting hours. Intensive Care Medicine, 2013, 39, 2223-2225.	8.2	13
164	Year in review 2012: Critical Care - cardiology. Critical Care, 2013, 17, 247.	5.8	0
165	Strongyloides disseminated infection successfully treated with parenteral ivermectin: case report with drug concentration measurements and review of the literature. International Journal of Antimicrobial Agents, 2013, 42, 580-583.	2.5	36
166	Daniel De Backer: intensive work for intensive care. Lancet Respiratory Medicine, the, 2013, 1, 514.	10.7	0
167	Extracorporeal life support associated with hypothermia and normoxemia in refractory cardiac arrest. Resuscitation, 2013, 84, 1519-1524.	3.0	86
168	Assessment of left ventricular function by pulse wave analysis in critically ill patients. Intensive Care Medicine, 2013, 39, 1025-1033.	8.2	111
169	Cerebral oximetry during extracorporeal cardiopulmonary resuscitation. Critical Care, 2013, 17, 409.	5.8	15
170	Myocardial dysfunction during H1N1 influenza infection. Journal of Critical Care, 2013, 28, 321-327.	2.2	56
171	1013. Critical Care Medicine, 2013, 41, A255.	0.9	0
172	Case-Control Study of Drug Monitoring of β -Lactams in Obese Critically Ill Patients. Antimicrobial Agents and Chemotherapy, 2013, 57, 708-715.	3.2	92
173	Microcirculatory effects of angiotensin II inhibitors in patients with severe heart failure. Clinical Hemorheology and Microcirculation, 2013, 54, 87-98.	1.7	11
174	The role of invasive techniques in cardiopulmonary evaluation. Current Opinion in Critical Care, 2013, 19, 228-233.	3.2	9
175	537. Critical Care Medicine, 2013, 41, A131.	0.9	1
176	983. Critical Care Medicine, 2013, 41, A247.	0.9	0
177	1051. Critical Care Medicine, 2013, 41, A264.	0.9	0
178	Microcirculatory Alterations in Patients With Severe Sepsis. Critical Care Medicine, 2013, 41, 791-799.	0.9	457
179	199. Critical Care Medicine, 2013, 41, A44.	0.9	1
180	1111. Critical Care Medicine, 2013, 41, A281.	0.9	0

#	ARTICLE	IF	CITATIONS
181	Clinical Management of the Cardiovascular Failure in Sepsis. <i>Current Vascular Pharmacology</i> , 2013, 11, 222-242.	1.7	3
182	Aortic luminal thrombus and intramural hematoma after cardiopulmonary resuscitation. <i>Revista Brasileira De Terapia Intensiva</i> , 2013, 25, 345-7.	0.3	3
183	Clinical management of the cardiovascular failure in sepsis. <i>Current Vascular Pharmacology</i> , 2013, 11, 222-42.	1.7	21
184	ICU nephrology: the implications of cardiovascular alterations in the acutely ill. <i>Kidney International</i> , 2012, 81, 1060-1066.	5.2	5
185	Dopamine versus norepinephrine in the treatment of septic shock. <i>Critical Care Medicine</i> , 2012, 40, 725-730.	0.9	337
186	Administration of tetrahydrobiopterin improves the microcirculation and outcome in an ovine model of septic shock*. <i>Critical Care Medicine</i> , 2012, 40, 2833-2840.	0.9	50
187	Pocket ultrasound devices for focused echocardiography. <i>Critical Care</i> , 2012, 16, 134.	5.8	4
188	Cardiac output measurements using the bioreactance technique in critically ill patients. <i>Critical Care</i> , 2012, 16, 460.	5.8	42
189	Sodium bicarbonate to prevent cardiac surgery-associated kidney injury: the end of a dream?. <i>Critical Care</i> , 2012, 16, 186.	5.8	5
190	Monitoring the microcirculation. <i>Journal of Clinical Monitoring and Computing</i> , 2012, 26, 361-366.	1.6	68
191	Year in review 2011: Critical Care - cardiology. <i>Critical Care</i> , 2012, 16, 246.	5.8	0
192	Characteristics of fluids used for intravascular volume replacement. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2012, 26, 441-451.	4.0	7
193	Vasopressors in shock: too early to move away from catecholamines?. <i>British Journal of Pharmacology</i> , 2012, 165, 2012-2014.	5.4	2
194	Determinants of early inadequate vancomycin concentrations during continuous infusion in septic patients. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 332-337.	2.5	59
195	Monitoring the microcirculation in the critically ill patient: current methods and future approaches. , 2012, , 263-275.		2
196	Lactate/Pyruvate Ratio as a Marker of Tissue Hypoxia in Circulatory and Septic Shock. <i>Anaesthesia and Intensive Care</i> , 2012, 40, 427-432.	0.7	82
197	Year in review in Intensive Care Medicine 2011: III. ARDS and ECMO, weaning, mechanical ventilation, noninvasive ventilation, pediatrics and miscellanea. <i>Intensive Care Medicine</i> , 2012, 38, 542-556.	8.2	24
198	Year in review in Intensive Care Medicine 2011: I. Nephrology, epidemiology, nutrition and therapeutics, neurology, ethical and legal issues, experimentals. <i>Intensive Care Medicine</i> , 2012, 38, 192-209.	8.2	19

#	ARTICLE	IF	CITATIONS
199	Can changes in arterial pressure be used to detect changes in cardiac index during fluid challenge in patients with septic shock?. Intensive Care Medicine, 2012, 38, 422-428.	8.2	146
200	Year in review in Intensive Care Medicine 2011. II. Cardiovascular, infections, pneumonia and sepsis, critical care organization and outcome, education, ultrasonography, metabolism and coagulation. Intensive Care Medicine, 2012, 38, 345-358.	8.2	40
201	Lactic acidosis. , 2012, , 111-114.		2
202	Can one predict fluid responsiveness in spontaneously breathing patients?. , 2012, , 385-387.		0
203	Recommendations in the event of a suspected transfusion-related acute lung injury (TRALI). Acta Clinica Belgica, 2012, 67, 201-8.	1.2	2
204	Recommended \hat{I}^2 -lactam regimens are inadequate in septic patients treated with continuous renal replacement therapy. Critical Care, 2011, 15, R137.	5.8	191
205	Effects of changes in arterial pressure on organ perfusion during septic shock. Critical Care, 2011, 15, R222.	5.8	163
206	Pharmacokinetics of a loading dose of amikacin in septic patients undergoing continuous renal replacement therapy. International Journal of Antimicrobial Agents, 2011, 37, 531-535.	2.5	57
207	Assessment of Fluid Requirements: The Fluid Challenge. , 2011, , 71-77.		0
208	Evaluation of Left Ventricular Systolic Function. , 2011, , 79-88.		2
209	High mixed venous oxygen saturation levels do not exclude fluid responsiveness in critically ill septic patients. Critical Care, 2011, 15, R177.	5.8	44
210	Learning and Competence in Critical Care Echocardiography. , 2011, , 275-281.		2
211	Echocardiography Alone or Coupled with Other Hemodynamic Devices?. , 2011, , 283-287.		0
212	Why do pulse pressure variations fail to predict the response to fluids in acute respiratory distress syndrome patients ventilated with low tidal volume?. Critical Care, 2011, 15, 150.	5.8	10
213	Clinical review: Update on hemodynamic monitoring - a consensus of 16. Critical Care, 2011, 15, 229.	5.8	326
214	Year in review 2010: Critical Care - cardiology. Critical Care, 2011, 15, 241.	5.8	3
215	Using arterial pressure waveform analysis for the assessment of fluid responsiveness. Expert Review of Medical Devices, 2011, 8, 635-646.	2.8	12
216	Sublingual Microcirculatory Effects of Enalaprilat in an Ovine Model of Septic Shock. Shock, 2011, 35, 542-549.	2.1	18

#	ARTICLE	IF	CITATIONS
217	Arterial pressure-based cardiac output monitoring: a multicenter validation of the third-generation software in septic patients. <i>Intensive Care Medicine</i> , 2011, 37, 233-240.	8.2	121
218	Year in review in <i>Intensive Care Medicine</i> 2010: I. Acute renal failure, outcome, risk assessment and ICU performance, sepsis, neuro intensive care and experimentals. <i>Intensive Care Medicine</i> , 2011, 37, 19-34.	8.2	4
219	Year in review in <i>Intensive Care Medicine</i> 2010: II. Pneumonia and infections, cardiovascular and haemodynamics, organization, education, haematology, nutrition, ethics and miscellanea. <i>Intensive Care Medicine</i> , 2011, 37, 196-213.	8.2	8
220	Year in review in <i>Intensive Care Medicine</i> 2010: III. ARDS and ALI, mechanical ventilation, noninvasive ventilation, weaning, endotracheal intubation, lung ultrasound and paediatrics. <i>Intensive Care Medicine</i> , 2011, 37, 394-410.	8.2	16
221	Reply to Scheeren: monitoring the microcirculation in the critically ill patient: reflectance spectroscopy. <i>Intensive Care Medicine</i> , 2011, 37, 1047-1047.	8.2	0
222	Sublingual and muscular microcirculatory alterations after cardiac arrest: A pilot study. <i>Resuscitation</i> , 2011, 82, 690-695.	3.0	68
223	European society of intensive care medicine study of therapeutic hypothermia (32-35°C) for intracranial pressure reduction after traumatic brain injury (the Eurotherm3235Trial). <i>Trials</i> , 2011, 12, 8.	1.6	94
224	Microcirculatory alterations: potential mechanisms and implications for therapy. <i>Annals of Intensive Care</i> , 2011, 1, 27.	4.6	190
225	Pharmacological Manipulation in ICU. , 2011, , 9-16.		0
226	Treatment of shock. <i>Acta Clinica Belgica</i> , 2011, 66, 438-42.	1.2	1
227	Can normal be more normal than normal?. <i>Critical Care Medicine</i> , 2010, 38, 737-738.	0.9	5
228	Is cerebral microcirculation really preserved in shock states?*. <i>Critical Care Medicine</i> , 2010, 38, 1008-1009.	0.9	9
229	Coupling microcirculation to systemic hemodynamics. <i>Current Opinion in Critical Care</i> , 2010, 16, 250-254.	3.2	159
230	Year in review in <i>Intensive Care Medicine</i> 2009: I. Pneumonia and infections, sepsis, outcome, acute renal failure and acid base, nutrition and glycaemic control. <i>Intensive Care Medicine</i> , 2010, 36, 196-209.	8.2	22
231	Year in review in <i>Intensive Care Medicine</i> 2009: II. Neurology, cardiovascular, experimental, pharmacology and sedation, communication and teaching. <i>Intensive Care Medicine</i> , 2010, 36, 412-427.	8.2	6
232	Effects of fluids on microvascular perfusion in patients with severe sepsis. <i>Intensive Care Medicine</i> , 2010, 36, 949-955.	8.2	381
233	Monitoring the microcirculation in the critically ill patient: current methods and future approaches. <i>Intensive Care Medicine</i> , 2010, 36, 1813-1825.	8.2	312
234	Microcirculatory abnormalities in patients with severe influenza A (H1N1) infection. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 940-946.	1.6	20

#	ARTICLE	IF	CITATIONS
235	Microcirculatory assessment in daily clinical practice - not yet ready but not too far!. Einstein (Sao) Tj ETQq1 1 0.784314 rgBT ₄ /Overlook	0.7	4
236	Alterations In Microvascular Perfusion Have A Stronger Prognostic Value Than Arterial Pressure Or Cardiac Output In Patients With Severe Sepsis. , 2010, , .		0
237	EFFECTS OF A SELECTIVE iNOS INHIBITOR VERSUS NOREPINEPHRINE IN THE TREATMENT OF SEPTIC SHOCK. Shock, 2010, 34, 243-249.	2.1	32
238	Revisiting the loading dose of amikacin for patients with severe sepsis and septic shock. Critical Care, 2010, 14, R53.	5.8	163
239	Insufficient \hat{I}^2 -lactam concentrations in the early phase of severe sepsis and septic shock. Critical Care, 2010, 14, R126.	5.8	303
240	Cerebral microcirculation is impaired during sepsis: an experimental study. Critical Care, 2010, 14, R140.	5.8	155
241	InFACT: a global critical care research response to H1N1. Lancet, The, 2010, 375, 11-13.	13.7	49
242	Comparison of Dopamine and Norepinephrine in the Treatment of Shock. New England Journal of Medicine, 2010, 362, 779-789.	27.0	1,549
243	Is a decrease in capillary density dangerous?. British Journal of Anaesthesia, 2009, 102, 561.	3.4	0
244	Abdominal compartment syndrome. F1000 Medicine Reports, 2009, 1, .	2.9	9
245	Microcirculatory Alterations in the Critically Ill. Hospital Practice (1995), 2009, 37, 107-112.	1.0	6
246	Drotrecogin alfa (activated) for severe sepsis: Could we consider a shorter treatment period in patients with a favorable course?. Journal of Critical Care, 2009, 24, 590-594.	2.2	1
247	Cardiogenic Shock with Stunned Myocardium during Triple-H Therapy Treated with Intra-aortic Balloon Pump Counterpulsation. Neurocritical Care, 2009, 10, 76-82.	2.4	27
248	Year in review in Intensive Care Medicine, 2008: I. Brain injury and neurology, renal failure and endocrinology, metabolism and nutrition, sepsis, infections and pneumonia. Intensive Care Medicine, 2009, 35, 30-44.	8.2	12
249	Year in review in Intensive Care Medicine, 2008: II. Experimental, acute respiratory failure and ARDS, mechanical ventilation and endotracheal intubation. Intensive Care Medicine, 2009, 35, 215-231.	8.2	19
250	Year in review in Intensive Care Medicine, 2008: III. Paediatrics, Ethics, outcome research and critical care organization, sedation, pharmacology and miscellanea. Intensive Care Medicine, 2009, 35, 405-416.	8.2	6
251	Can we use pulse pressure variations to predict fluid responsiveness in patients with ARDS?. Intensive Care Medicine, 2009, 35, 966-968.	8.2	16
252	Microcirculatory Alterations in Cardiac Surgery: Effects of Cardiopulmonary Bypass and Anesthesia. Annals of Thoracic Surgery, 2009, 88, 1396-1403.	1.3	665

#	ARTICLE	IF	CITATIONS
253	Oxygen transport – the oxygen delivery controversy. , 2009, , 409-415.		1
254	A LARGE-BOLUS INJECTION, BUT NOT CONTINUOUS INFUSION OF SODIUM SELENITE IMPROVES OUTCOME IN PERITONITIS. Shock, 2009, 32, 140-146.	2.1	66
255	Levosimendan in Early Sepsis: When Good Ideas Give Poor Results. Anesthesia and Analgesia, 2009, 109, 1367-1369.	2.2	2
256	Can pulse pressure variations really better predict fluid responsiveness than static indices of preload in patients with acute respiratory distress syndrome?. Critical Care Medicine, 2009, 37, 1178.	0.9	8
257	Evaluation of sublingual and gut mucosal microcirculation in sepsis: A quantitative analysis*. Critical Care Medicine, 2009, 37, 2875-2881.	0.9	216
258	Effects of hydrocortisone on microcirculatory alterations in patients with septic shock*. Critical Care Medicine, 2009, 37, 1341-1347.	0.9	75
259	Î³-GLOBULIN LEVELS IN PATIENTS WITH COMMUNITY-ACQUIRED SEPTIC SHOCK. Shock, 2009, 32, 379-385.	2.1	79
260	90-DAY FOLLOW-UP OF PATIENTS TREATED WITH DROTRECOGIN ALFA (ACTIVATED) FOR SEVERE SEPSIS: A BELGIAN OPEN LABEL STUDY. Acta Clinica Belgica, 2009, 64, 16-22.	1.2	9
261	Link between coagulation abnormalities and microcirculatory dysfunction in critically ill patients. Current Opinion in Anaesthesiology, 2009, 22, 150-154.	2.0	37
262	Influence of Respiratory Rate on Stroke Volume Variation in Mechanically Ventilated Patients. Anesthesiology, 2009, 110, 1092-1097.	2.5	183
263	Effects of dobutamine on gut mucosal nitric oxide production during endotoxic shock in rabbits. Medical Science Monitor, 2009, 15, BR37-42.	1.1	9
264	Year in review in Intensive Care Medicine, 2007. I. Experimental studies. Clinical studies: brain injury and neurology, renal failure and endocrinology. Intensive Care Medicine, 2008, 34, 229-242.	8.2	3
265	Year in review in Intensive Care Medicine, 2007. II. Haemodynamics, pneumonia, infections and sepsis, invasive and non-invasive mechanical ventilation, acute respiratory distress syndrome. Intensive Care Medicine, 2008, 34, 405-422.	8.2	2
266	Year in review in Intensive Care Medicine, 2007. III. Ethics and legislation, health services research, pharmacology and toxicology, nutrition and paediatrics. Intensive Care Medicine, 2008, 34, 598-609.	8.2	6
267	Effects of propofol on human microcirculation. British Journal of Anaesthesia, 2008, 101, 473-478.	3.4	83
268	GUIDELINES FOR THE USE OF FRESH FROZEN PLASMA. Acta Clinica Belgica, 2008, 63, 381-390.	1.2	15
269	Novel insights into the effects of inducible nitric oxide synthase inhibition during sepsis*. Critical Care Medicine, 2008, 36, 359-360.	0.9	2
270	How to evaluate the microcirculation: report of a round table conference. Critical Care, 2007, 11, R101.	5.8	685

#	ARTICLE	IF	CITATIONS
271	Modulation of the sepsis inflammatory response by resuscitation: The missing link between cytopathic and hypoxic hypoxia?*. Critical Care Medicine, 2007, 35, 2206-2207.	0.9	13
272	Does red blood cell transfusion result in a variate microvascular response in sepsis?. Critical Care Medicine, 2007, 35, 2465.	0.9	1
273	Microvascular response to red blood cell transfusion in patients with severe sepsis*. Critical Care Medicine, 2007, 35, 1639-1644.	0.9	271
274	How microcirculation data have changed my clinical practice. Current Opinion in Critical Care, 2007, 13, 324-331.	3.2	20
275	THE MICROCIRCULATION IN CRITICALLY-ILL PATIENTS. Acta Clinica Belgica, 2007, 62, 15-20.	1.2	14
276	Les techniques de monitoring hÃ©modynamique en rÃ©animation. , 2007, , .		1
277	Benefit-Risk Assessment of Drotrecogin Alfa (Activated) in the Treatment of Sepsis. Drug Safety, 2007, 30, 995-1010.	3.2	10
278	Efficacy of allogeneic red blood cell transfusions. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2007, 21, 209-219.	4.0	36
279	The prognostic value of muscle StO2 in septic patients. Intensive Care Medicine, 2007, 33, 1549-1556.	8.2	815
280	Year in review in Intensive Care Medicine, 2006. I. Experimental studies. Clinical studies: brain injury, renal failure and endocrinology. Intensive Care Medicine, 2007, 33, 49-57.	8.2	10
281	Year in review in Intensive Care Medicine, 2006. II. Infections and sepsis, haemodynamics, elderly, invasive and noninvasive mechanical ventilation, weaning, ARDS. Intensive Care Medicine, 2007, 33, 214-229.	8.2	19
282	Levosimendan in septic shock: another piece in the puzzle, but many pieces are still lacking. Intensive Care Medicine, 2007, 33, 403-405.	8.2	12
283	Year in Review in Intensive Care Medicine, 2006. III. Circulation, ethics, cancer, outcome, education, nutrition, and pediatric and neonatal critical care. Intensive Care Medicine, 2007, 33, 414-422.	8.2	7
284	Can one predict fluid responsiveness in spontaneously breathing patients?. Intensive Care Medicine, 2007, 33, 1111-1113.	8.2	82
285	Abdominal Compartment Syndrome. , 2007, , 609-626.		1
286	La vasopressine a-t-elle une place dans le traitement des Ã©tats de choc. Praticien En Anesthésie Reanimation, 2006, 10, 21-24.	0.0	0
287	How can the response to volume expansion in patients with spontaneous respiratory movements be predicted?. Critical Care, 2006, 10, R102.	5.8	149
288	Can passive leg raising be used to guide fluid administration?. Critical Care, 2006, 10, 170.	5.8	29

#	ARTICLE	IF	CITATIONS
289	The effects of dobutamine on microcirculatory alterations in patients with septic shock are independent of its systemic effects*. Critical Care Medicine, 2006, 34, 403-408.	0.9	487
290	Prediction of Postoperative Complications After Urgent Laparotomy by Intraperitoneal Microdialysis. Annals of Surgery, 2006, 244, 994-1002.	4.2	25
291	Dobutamine to rescue the microcirculation?. Critical Care Medicine, 2006, 34, 2700-2701.	0.9	0
292	Does dopamine administration in shock influence outcome? Results of the Sepsis Occurrence in Acutely Ill Patients (SOAP) Study*. Critical Care Medicine, 2006, 34, 589-597.	0.9	380
293	Effects of drotrecogin alfa activated on microcirculatory alterations in patients with severe sepsis. Critical Care Medicine, 2006, 34, 1918-1924.	0.9	690
294	l-Arginine and vasopressor agents: When antagonists have unexpected synergistic effects*. Critical Care Medicine, 2006, 34, 1847-1849.	0.9	6
295	Albumin administration improves organ function in critically ill hypoalbuminemic patients: A prospective, randomized, controlled, pilot study*. Critical Care Medicine, 2006, 34, 2536-2540.	0.9	272
296	Year in review in intensive care medicine. 2005. I. Acute respiratory failure and acute lung injury, ventilation, hemodynamics, education, renal failure. Intensive Care Medicine, 2006, 32, 207-216.	8.2	23
297	Sublingual capnometry tracks microcirculatory changes in septic patients. Intensive Care Medicine, 2006, 32, 516-523.	8.2	216
298	Hemodynamic management of septic shock. Current Infectious Disease Reports, 2006, 8, 366-372.	3.0	5
299	Oxygen transport—the oxygen delivery controversy. , 2006, , 337-343.		2
300	Lactic Acidosis in Critically Ill Septic Patients. , 2006, , 126-135.		0
301	Lactic acidosis. , 2006, , 69-72.		3
302	BEDSIDE ASSESSMENT OF WHOLE BLOOD VISCOSITY IN CRITICALLY ILL PATIENTS.. Critical Care Medicine, 2006, 34, A75.	0.9	1
303	Decreased Mortality with the Use of the Pulmonary Artery Catheter?. Critical Care Medicine, 2005, 33, 917.	0.9	1
304	RAPID ALTERATIONS IN TRANSFERRIN SIALYLATION DURING SEPSIS. Shock, 2005, 24, 48-52.	2.1	50
305	90-DAY FOLLOW-UP OF PATIENTS TREATED WITH DROTRECUGIN ALFA (ACTIVATED) (DAA) FOR SEVERE SEPSIS: A BELGIAN OPEN LABEL STUDY.. Critical Care Medicine, 2005, 33, A10.	0.9	2
306	Relative adrenal insufficiency in patients with septic shock: Comparison of low-dose and conventional corticotropin tests*. Critical Care Medicine, 2005, 33, 2479-2486.	0.9	114

#	ARTICLE	IF	CITATIONS
307	How monitoring of the microcirculation may help us at the bedside. <i>Current Opinion in Critical Care</i> , 2005, 11, 240-244.	3.2	78
308	The following is the abstract of the article discussed in the subsequent letter:. <i>Journal of Applied Physiology</i> , 2005, 98, 1149-1150.	2.5	1
309	A PILOT-CONTROLLED STUDY OF A POLYMYXIN B-IMMOBILIZED HEMOPERFUSION CARTRIDGE IN PATIENTS WITH SEVERE SEPSIS SECONDARY TO INTRA-ABDOMINAL INFECTION. <i>Shock</i> , 2005, 23, 400-405.	2.1	264
310	Pulse pressure variations to predict fluid responsiveness: influence of tidal volume. <i>Intensive Care Medicine</i> , 2005, 31, 517-523.	8.2	1,199
311	Noradrenaline and the kidney: foe, friend, or both?. <i>Intensive Care Medicine</i> , 2005, 31, 1476-1478.	8.2	8
312	Does Disseminated Intravascular Coagulation Lead to Multiple Organ Failure?. <i>Critical Care Clinics</i> , 2005, 21, 469-477.	2.6	35
313	Microvascular dysfunction as a cause of organ dysfunction in severe sepsis. <i>Critical Care</i> , 2005, 9, S9.	5.8	147
314	Optimal management of the high risk surgical patient: beta stimulation or beta blockade?. <i>Critical Care</i> , 2005, 9, 645.	5.8	9
315	Pneumonia-Induced Sepsis and Gut Injury: Effects of a Poly-(ADP-Ribose) Polymerase Inhibitor. <i>Journal of Surgical Research</i> , 2005, 129, 292-297.	1.6	527
316	SUBLINGUAL MICROCIRCULATION REFLECTS INTESTINAL MUCOSAL MICROCIRCULATION IN SEPSIS: A QUANTITATIVE ANALYSIS.. <i>Critical Care Medicine</i> , 2005, 33, A51.	0.9	4
317	Epidemiology and Outcome in Renal Failure. <i>International Journal of Artificial Organs</i> , 2004, 27, 1013-1018.	1.4	16
318	Septic Shock of Early or Late Onset. <i>Chest</i> , 2004, 126, 173-178.	0.8	36
319	HOW DO EUROPEANS TRANSFUSE CRITICALLY ILL TRAUMA / SURGICAL PATIENTS. <i>Shock</i> , 2004, 21, 120.	2.1	0
320	Effects of fluid challenge on gastric mucosal PCO ₂ in septic patients. <i>Intensive Care Medicine</i> , 2004, 30, 423-429.	8.2	44
321	Lactic acidosis: An early marker of propofol infusion syndrome?. <i>Intensive Care Medicine</i> , 2004, 30, 522-522.	8.2	49
322	Oxygen transport—the oxygen delivery controversy. <i>Intensive Care Medicine</i> , 2004, 30, 1990-1996.	8.2	109
323	The cuff-leak test: what are we measuring?. <i>Critical Care</i> , 2004, 9, 31.	5.8	26
324	Microvascular alterations in patients with acute severe heart failure and cardiogenic shock. <i>American Heart Journal</i> , 2004, 147, 91-99.	2.7	414

#	ARTICLE	IF	CITATIONS
325	MONITORING A PATIENT WITH CIRCULATORY FAILURE. Shock, 2004, 21, 147.	2.1	0
326	Persistent microcirculatory alterations are associated with organ failure and death in patients with septic shock*. Critical Care Medicine, 2004, 32, 1825-1831.	0.9	1,185
327	THE HEPATOSPLANCHNIC CONTRIBUTION TO HYPERLACTATEMIA IN ENDOTOXIC SHOCK: EFFECTS OF TISSUE ISCHEMIA. Shock, 2004, 21, 438-443.	2.1	16
328	Age of red blood cell transfusions in critically ill patients: comparison of two opposite transfusion policies. Intensive Care Medicine, 2003, 29, 660-661.	8.2	7
329	Effect of vasopressin on sublingual microcirculation in a patient with distributive shock. Intensive Care Medicine, 2003, 29, 1020-1023.	8.2	67
330	Lactic acidosis. Intensive Care Medicine, 2003, 29, 699-702.	8.2	172
331	Hemodynamic assessment: the technique or the physician at fault?. Intensive Care Medicine, 2003, 29, 1865-1867.	8.2	34
332	Regional hypoxia and partial pressure of carbon dioxide gradients: what is the link?. Intensive Care Medicine, 2003, 29, 2116-2118.	8.2	12
333	Perioperative optimization and right heart catheterization: what technique in which patient?. Critical Care, 2003, 7, 201.	5.8	8
334	Clinical review: influence of vasoactive and other therapies on intestinal and hepatic circulations in patients with septic shock. Critical Care, 2003, 8, 170.	5.8	51
335	Nitroglycerin for septic shock. Lancet, The, 2003, 361, 880.	13.7	10
336	Arginine Vasopressin in Advanced Vasodilatory Shock. Circulation, 2003, 108, e142; author reply e142.	1.6	1
337	Do All Nonsurvivors of Cardiogenic Shock Die With a Low Cardiac Index? *. Chest, 2003, 124, 1885-1891.	0.8	87
338	Low-Dose Vasopressin in the Treatment of Septic Shock in Sheep. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 481-486.	5.6	140
339	Optimal Adrenergic Support in Septic Shock Due to Peritonitis. Anesthesiology, 2003, 98, 888-896.	2.5	33
340	Effects of dopamine, norepinephrine, and epinephrine on the splanchnic circulation in septic shock: Which is best?*. Critical Care Medicine, 2003, 31, 1659-1667.	0.9	388
341	Gut mucosal damage during endotoxic shock is due to mechanisms other than gut ischemia. Journal of Applied Physiology, 2003, 95, 2047-2054.	2.5	33
342	Assessment of splanchnic circulation: which relevance?. Acta Gastro-Enterologica Belgica, 2003, 66, 288-9.	1.0	0

#	ARTICLE	IF	CITATIONS
343	Management of Septic Shock. <i>Annals of Medicine</i> , 2002, 34, 606-613.	3.8	15
344	PATTERNS OF MICROCIRCULATORY ALTERATIONS IN SEPTIC SHOCK. <i>Critical Care Medicine</i> , 2002, 30, A101.	0.9	0
345	DOES RED BLOOD CELL TRANSFUSION INFLUENCE THE MICROCIRCULATION IN CRITICALLY ILL PATIENTS ?. <i>Critical Care Medicine</i> , 2002, 30, A153.	0.9	0
346	THE USE OF OXYGEN-RELATED VARIABLES TO DETECT ANAEROBIC METABOLISM IN CRITICALLY ILL PATIENTS. <i>Critical Care Medicine</i> , 2002, 30, A71.	0.9	0
347	SIALIC ACID METABOLISM IN SEPSIS. <i>Critical Care Medicine</i> , 2002, 30, A48.	0.9	0
348	The International Sepsis Forum's controversies in sepsis: my initial vasopressor agent in septic shock is dopamine rather than norepinephrine. <i>Critical Care</i> , 2002, 7, 6.	5.8	11
349	Microvascular Blood Flow Is Altered in Patients with Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 98-104.	5.6	1,401
350	The cuff leak test to predict failure of tracheal extubation for laryngeal edema. <i>Intensive Care Medicine</i> , 2002, 28, 1267-1272.	8.2	650
351	Norepinephrine administration in septic shock: How much is enough? *. <i>Critical Care Medicine</i> , 2002, 30, 1398-1399.	0.9	18
352	Cardiac output measurement: Is least invasive always the best? *. <i>Critical Care Medicine</i> , 2002, 30, 2380-2382.	0.9	19
353	Normovolemic hemodilution improves oxygen extraction capabilities in endotoxic shock. <i>Journal of Applied Physiology</i> , 2001, 91, 1701-1707.	2.5	15
354	Assessment of the microcirculatory flow in patients in the intensive care unit. <i>Current Opinion in Critical Care</i> , 2001, 7, 200-203.	3.2	57
355	Effects of $\hat{1}\pm$ - and $\hat{1}^2$ -adrenergic stimulation on hepatosplanchnic perfusion and oxygen extraction in endotoxic shock. <i>Critical Care Medicine</i> , 2001, 29, 581-588.	0.9	29
356	The hepatosplanchnic area is not a common source of lactate in patients with severe sepsis. <i>Critical Care Medicine</i> , 2001, 29, 256-261.	0.9	70
357	EFFECTS OF DOBUTAMINE ON HEPATO-SPLANCHNIC HEMODYNAMICS IN AN EXPERIMENTAL MODEL OF HYPERDYNAMIC ENDOTOXIC SHOCK. <i>Shock</i> , 2001, 15, 208-214.	2.1	24
358	Is there a place for prostacyclin in the treatment of septic shock?. <i>Intensive Care Medicine</i> , 2001, 27, 1110-1112.	8.2	15
359	How Vasoactive Agents May Influence Regional Blood Flow. <i>Sepsis</i> , 2001, 4, 147-158.	0.5	0
360	Inotrope/Vasopressor Support in Sepsis-Induced Organ Hypoperfusion. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2001, 22, 061-074.	2.1	12

#	ARTICLE	IF	CITATIONS
361	Lactic Acidosis in the Critically Ill. Acta Clinica Belgica, 2000, 55, 295-299.	1.2	1
362	Use of Orthogonal Polarization Spectral Imaging in Intensive Care. , 2000, 24, 104-109.		2
363	VO2/DO2 relationship: how to get rid of methodological pitfalls?. Intensive Care Medicine, 2000, 26, 1719-1722.	8.2	14
364	The effects of positive end-expiratory pressure on the splanchnic circulation. Intensive Care Medicine, 2000, 26, 361-363.	8.2	25
365	Hemodynamic responses to successful weaning from mechanical ventilation after cardiovascular surgery. Intensive Care Medicine, 2000, 26, 1201-1206.	8.2	44
366	Assessment of Cardiac Index in Anemic Patients. Chest, 2000, 118, 782-787.	0.8	34
367	EFFECTS OF PEEP, FLUIDS AND ADRENERGIC AGENTS ON HEPATOSPLANCHNIC CIRCULATION. Shock, 1999, 12, 24.	2.1	0
368	A Dobutamine Test Can Disclose Hepatosplanchnic Hypoperfusion in Septic Patients. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 839-845.	5.6	67
369	Right diaphragmatic rupture and hepatic hernia: an indirect sign on computed tomography. European Radiology, 1999, 9, 972-974.	4.5	20
370	Why, when, and how to insert a hepatic vein catheter in critically ill patients. Critical Care Medicine, 1999, 27, 1680-1681.	0.9	6
371	Does gastric tonometry monitor splanchnic perfusion?. Critical Care Medicine, 1999, 27, 2480-2484.	0.9	91
372	IS CRITICAL PERFUSION PRESSURE ALTERED IN SEPSIS?. Critical Care Medicine, 1999, 27, 90A.	0.9	0
373	DIASPIRIN CROSS-LINKED HEMOGLOBIN IMPROVES OXYGEN EXTRACTION CAPABILITIES IN ENDOTOXIC SHOCK. Critical Care Medicine, 1999, 27, 56A.	0.9	0
374	VACO2/SVO2: A NEW INDEX OF TISSUE OXYGENATION. Critical Care Medicine, 1999, 27, A85.	0.9	0
375	The metabolic fate of long-term inhaled nitric oxide. Journal of Critical Care, 1998, 13, 97-103.	2.2	5
376	Oxygen supply dependency can characterize septic shock. Intensive Care Medicine, 1998, 24, 118-123.	8.2	94
377	Does Hepato-splanchnic $\dot{V}\dot{E}^{\text{TM}}\text{o}_2/\text{Do}_2$ Dependency Exist in Critically Ill Septic Patients?. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 1219-1225.	5.6	147
378	Pharmacologic modulation of splanchnic blood flow. Current Opinion in Critical Care, 1998, 4, 104-110.	3.2	5

#	ARTICLE	IF	CITATIONS
379	Effects of vasoactive drugs on gastric intramucosal pH. <i>Critical Care Medicine</i> , 1998, 26, 1749-1758.	0.9	105
380	Systemic Circulatory Function and Peripheral Oxygen Delivery in ALI and ARDS. <i>Update in Intensive Care and Emergency Medicine</i> , 1998, , 163-177.	0.6	0
381	Lactate Production by the Lungs in Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 156, 1099-1104.	5.6	161
382	Monitoring Gastric Mucosal Carbon Dioxide Pressure Using Gas Tonometry. <i>Anesthesiology</i> , 1997, 87, 504-510.	2.5	132
383	Dobutamine increases cerebral blood flow velocity and jugular bulb hemoglobin saturation in septic patients. <i>Critical Care Medicine</i> , 1997, 25, 392-398.	0.9	31
384	Regional Effects of Dobutamine in Endotoxic Shock. <i>Journal of Surgical Research</i> , 1996, 65, 93-100.	1.6	42
385	Oxygenation Improvement With Nitric Oxide in Right-to-Left Shunt Without Significant Effects on Pulmonary Arterial Pressure. <i>Chest</i> , 1996, 110, 1361-1363.	0.8	16
386	High-Altitude Pulmonary Edema With Primary Pulmonary Hypertension. <i>Chest</i> , 1996, 110, 286-289.	0.8	48
387	REGIONAL ARTERIOVENOUS DIFFERENCES IN P _{co2} AND pH CAN REFLECT CRITICAL ORGAN OXYGEN DELIVERY DURING ENDOTOXEMIA. <i>Shock</i> , 1996, 5, 349-356.	2.1	12
388	Effects of Dobutamine on the Relationship between Oxygen Consumption and Delivery in Healthy Volunteers: Comparison with Sodium Nitroprusside. <i>Clinical Science</i> , 1996, 90, 105-111.	4.3	28
389	Atrial septostomy under transesophageal guidance in a patient with primary pulmonary hypertension and absent right superior vena cava. <i>Intensive Care Medicine</i> , 1996, 22, 1410-1411.	8.2	10
390	Tissue Oxygenation. , 1996, , 331-344.		0
391	MODELS TO STUDY THE RELATION BETWEEN OXYGEN CONSUMPTION AND OXYGEN DELIVERY DURING AN ACUTE REDUCTION IN BLOOD FLOW: COMPARISON OF BALLOON FILLING IN THE INFERIOR VENA CAVA, TAMPONADE, AND HEMORRHAGE. <i>Shock</i> , 1995, 4, 107-112.	2.1	9
392	Oxygen uptake/oxygen supply dependency: Fact or fiction?. <i>Acta Anaesthesiologica Scandinavica</i> , 1995, 39, 229-237.	1.6	24
393	VO ₂ -DO ₂ Relationships Are Altered in Some Critically Ill Patients. <i>Seminars in Respiratory and Critical Care Medicine</i> , 1995, 16, 394-402.	2.1	11
394	Augmentation of Splanchnic Blood Flow. <i>Update in Intensive Care and Emergency Medicine</i> , 1995, , 153-164.	0.6	1
395	Methylene blue administration in septic shock. <i>Critical Care Medicine</i> , 1995, 23, 259-264.	0.9	270
396	Delivery-Dependent Oxygen Consumption. <i>Critical Care Medicine</i> , 1995, 23, 211.	0.9	0

#	ARTICLE	IF	CITATIONS
397	Effects of dobutamine on oxygen consumption in septic patients. Direct versus indirect determinations.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 95-100.	5.6	80
398	Effects of dobutamine and prostacyclin on cerebral blood flow velocity in septic patients. Journal of Critical Care, 1994, 9, 1-6.	2.2	26
399	Relationship between oxygen uptake and oxygen delivery in septic Patients. Critical Care Medicine, 1993, 21, 1658-1664.	0.9	75
400	Relation Between Oxygen Consumption and Oxygen Delivery in Patients After Cardiac Surgery. Anesthesia and Analgesia, 1993, 77, 1104-1110.	2.2	54
401	The effects of balloon filling into the inferior vena cava on the Relationship. Journal of Critical Care, 1992, 7, 167-173.	2.2	11
402	Correction of metabolic acidosis in experimental CPR: A comparative study of sodium bicarbonate, carbicarb, and dextrose. Annals of Emergency Medicine, 1991, 20, 235-238.	0.6	28
403	Oxygen Uptake/Supply Dependency: Effects of Short-term Dobutamine Infusion. The American Review of Respiratory Disease, 1990, 142, 2-7.	2.9	239
404	Hypertonic Saline Solution-Hetastarch for Fluid Resuscitation in Experimental Septic Shock. Anesthesia and Analgesia, 1989, 69, 714-720.	2.2	40
405	Initial Management of Circulatory Shock as Prevention of MSOF. Critical Care Clinics, 1989, 5, 369-378.	2.6	16
406	Calcium chloride in experimental electromechanical dissociation. Critical Care Medicine, 1987, 15, 324-327.	0.9	26
407	CALCIUM CHLORIDE ADMINISTRATION DURING ELECTROMECHANICAL DISSOCIATION. Critical Care Medicine, 1986, 14, 332.	0.9	0
408	Microcirculation and mitochondrial dysfunction. , 0, , 56-61.		0
409	Monitoring the microcirculation. , 0, , 180-185.		0
410	Echocardiographic approach to shock. Journal of Emergency and Critical Care Medicine, 0, 3, 35-35.	0.7	5
411	Critical Ultrasounds: a foreword. Journal of Emergency and Critical Care Medicine, 0, 3, 62-62.	0.7	0