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Changes in the volume status of haemodialysis patients are reflected in sublingual microvascular perfusion

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Nephrology Dialysis Transplantation, 2009, 24, 3487-92.

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#	Paper	IF	Citations
568	Improvement of sidestream dark field imaging with an image acquisition stabilizer. <i>2010</i> , 10, 15		30
567	The effect of vascular access modality on changes in fluid content in the arms as determined by multifrequency bioimpedance. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 227-31	4.3	23
566	Perioperative management of the hemodialysis patient. <i>Seminars in Dialysis</i> , <b>2011</b> , 24, 314-26	2.5	51
565	Do changes in relative blood volume monitoring correlate to hemodialysis-associated hypotension?. <b>2011</b> , 117, c179-83		47
564	Hypertonic fluid administration in patients with septic shock: a prospective randomized controlled pilot study. <b>2012</b> , 37, 268-75		34
563	Techniques to measure cardiac output: minimally invasive method versus thermodilution. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
562	Effects of cardiac output levels on the measurement of transpulmonary thermodilution cardiac output in patients with acute lung injury. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
561	Comparison of bioimpedance and oesophageal Doppler cardiac output monitoring during abdominal aortic surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
560	Cardiac output monitoring in cirrhotic patients: EV1000 versus pulmonary artery catheter - preliminary data. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
559	Pulse contour cardiac output monitoring is less reliable in critically ill children. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
558	Impact of arterial catheter location on the accuracy of cardiac output provided by an endotracheal bioimpedance device. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
557	Accuracy of the PiCCO2-derived pulse contour cardiac index (CI <sub>pc</sub> ): development and validation of a calibration index in two independent collectives. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
556	Cardiac output monitoring using the LiDCOplus monitor in abdominal aortic surgery: changes in calibration factor in aortic aneurysm disease versus aortic occlusive disease. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
555	Haemodynamic changes during the peri-extubation period using bioimpedance flow monitoring. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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553	Validation of less-invasive hemodynamic monitoring with Pulsioflex in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
552	A preliminary study on the use of noninvasive hemodynamic monitoring with the Nexfin monitor in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

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550	Homeodynamic complexity: multifractal analysis of physiological instability. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
549	Accuracy of conventional urinary output monitoring in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
548	Changes in B-type natriuretic peptide and related hemodynamic parameters following a fluid challenge in patients with severe sepsis or septic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
547	The Brody effect to detect hypovolemia in clinical practice. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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545	Assessment fluid responsiveness in septic shock patients: a comparison of automated pulse pressure variation and manually calculated pulse pressure variation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
544	Applicability of methods for fluid responsiveness prediction in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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534	Indexation of extravascular lung water in unselected adult patients with and without mechanical ventilation: a prospective study in 50 patients with 843 transpulmonary thermodilutions. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

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528	Effect of balanced versus unbalanced HES solution on cytokine response in a rat model of peritonitis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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409	The new dialysis method Mini-SLED is useful for dialyzing acute brain stroke patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
408	Investigation into haemodynamic stability during intermittent haemodialysis in the critically ill. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

407	Evaluation of microcirculation before and during continuous renal replacement therapy and the impact of dose prescription. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
406	Ultrafiltration during continuous hemofiltration in stabilized ICU patients is not associated with microcirculatory perfusion derangements. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
405	Plasmapheresis without apparatus in complex care of victims with crush syndrome during the first hours after extrication in a field hospital of EMERCOM of Russia in emergency areas. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
404	Degree of impaired kidney function at hospital discharge has a major impact on long-term survival of critically ill patients recovered from renal failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
403	Long-term survival for ICU patients with acute kidney injury. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
402	Super high-flux continuous hemodialysis: an efficient compromise for blood purification in sepsis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
401	Efficacy of continuous haemodiafiltration using a polymethylmethacrylate membrane haemofilter in the treatment of sepsis and acute respiratory distress syndrome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
400	Possible adsorption mechanism of high mobility group box 1 protein on a polyacrylonitrile (AN69ST) membrane filter. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
399	High mobility group box 1 levels in septic disseminated intravascular coagulation patients undergoing Polymixin-B immobilized fiber-direct hemoperfusion. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
398	Polymyxin B-immobilized fiber column hemoperfusion has the ability of endotoxin removal during 24 hours. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
397	Polymyxin B-direct hemoperfusion therapy could contribute to hemodynamics and outcomes in emergency surgical patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
396	Clinical impact of enhanced cytokine clearance with sustained high-efficiency daily diafiltration using a mediator-adsorbing membrane (SHEDD-fA) in patients with severe sepsis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
395	Mortality and priority level for ICU admission in the setting of limited critical care beds in El Salvador. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
394	Mainz Emergency Evaluation Scoring in combination with capnometry predicts outcome in trauma patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
393	Predicting outcome in the ICU: comparison of Ranson criteria and Ranson + CRP levels in acute pancreatitis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
392	Number of failed organs and response to therapy determine outcome in patients with acute pancreatitis requiring level 1 organ support. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
391	Mortality predictors in acute pancreatitis admitted to the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
390	System biology prediction model based on clinical data: highly accurate outcome prediction in patients with acute-on-chronic liver failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

389	Prognostic relevance of arterial ammonia levels in different acute and acute-on-chronic liver diseases. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
388	Liver failure secondary to alcoholic liver disease carries a worse prognosis than other aetiologies of liver failure: retrospective analysis of routine biochemical markers in critically ill patients with liver failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
387	Incidence, morbidity and mortality of admissions related to alcohol consumption on critical care: a single-centre experience. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
386	Changing outcomes in patients with chronic liver disease in intensive care: a decade of experience. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
385	Multivariate regression analysis of outcomes following orthotopic liver transplantation in decompensated cirrhotics transplanted from the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
384	Liver transplantation in the critically ill: a Canadian collaboration. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
383	Acute respiratory distress syndrome: analysis of incidence and mortality in a university hospital critical care unit. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
382	Epidemiology and outcome of sepsis syndromes in Italian ICUs: a regional multicenter observational cohort. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
381	Outcome of faecal peritonitis in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
380	HIV patients in the ICU: our experience. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
379	Impact of congestive heart failure on severe sepsis and septic shock survivors: outcomes and performance status after 1-year hospital discharge. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
378	Predictive value of N-terminal pro-brain natriuretic peptide among critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
377	Low preoperative hepcidin concentration is a risk factor for mortality but not for acute kidney injury after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
376	Outcomes and resource use for over 80 year olds admitted to a UK critical care unit after an emergency laparotomy over a 3-year period. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
375	Correlation between APACHE II score and quality of life among patients discharged from the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
374	Parameters that affect outcome in surgical ICU patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
373	Relationship between illness severity scores in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
372	Predicting hospital mortality: comparing accuracy of SAPS II and clinical staff prognosis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

371	Predictors of mortality in patients from a hematological ICU in Brazil. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
370	Retrospective study of the outcomes of patients admitted to the ICU with a hematological malignancy. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
369	Six-month survival of patients with lung cancer admitted to a medical ICU: a retrospective study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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364	New severity score of acute respiratory failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
363	Validity of six prognostic scoring systems for septic shock patients admitted to a medical ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
362	Risk factors of venous thrombosis in knee joint endoprosthesis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
361	Proximal and distal deep venous thrombosis in critically ill patients: incidence and prevalence. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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359	Efficacy and safety of enoxaparin as deep vein thrombosis prophylaxis in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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356	Consequences of suspected heparin-induced thrombocytopenia in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
355	Evaluation of iron, transferrin and ferritin serum levels in patients with severe sepsis and septic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
354	Using angiogenic factors and their soluble receptors to predict organ dysfunction in patients with disseminated intravascular coagulation associated with severe trauma. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

353	A simple blood-saving bundle reduces diagnostic blood loss in mechanically ventilated patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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351	Use of coagulation screening in the critical care unit. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	0
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349	Fractal analysis: a new biomarker for determining clot characteristics in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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345	Retrospective comparison study of warfarinised trauma patients and an age-matched control group of nonwarfarinised patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
344	In medical-surgical ICU patients, major bleeding is common but independent of heparin prophylaxis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
343	Reducing ICU blood draws with artificial intelligence. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
342	Hemostasis system condition in infectious complication development in severe burned patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
341	Randomized comparison of fibrinogen concentrate versus cryoprecipitate for bleeding control in pediatric cardiac surgery (FICCS study). <i>Critical Care</i> , <b>2012</b> , 16,	10.8	5
340	Efficacy of tranexamic acid in decreasing blood loss during cesarean section. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
339	Reduced EPO receptor expression may contribute to limited pleiotropic effects of EPO during critical illness. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
338	Recognition and management of haemophagocytic lymphohistiocytosis on the ICU: a case series. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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336	Red blood transfusion is a predictor of poor outcome in pediatric cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1

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333	Red blood cell transfusion improves microdialysis-assessed interstitial lactate/pyruvate ratio in critically ill septic patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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331	Transfusion of blood stored for longer periods of time does not alter the reactive hyperemia index in healthy volunteers. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	0
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320	Exertional rhabdomyolysis in female amateur triathletes. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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315	Fluid creep in burn resuscitation: the tide has not yet turned. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	5
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303	Performances of ventilator at simulated altitude. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
302	Impact of H1N1 influenza on critical care and dependent services in Wales during winter 2010/2011. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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291	Role of ICU nurses in the confrontation of post-traumatic stress disorder in relatives of ICU patients in a general hospital of Athens, Greece. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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289	Influence of burnout on attitudes of ICU doctors and nurses towards liberalization of visiting policies. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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284	Families: the newest members of the ICU multidisciplinary team. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
283	Family satisfaction in an interdisciplinary ICU: a quality audit. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
282	Incidence of post-traumatic stress, anxiety and depression symptoms in patients and relatives during the ICU stay and after discharge. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3

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262	Healthcare workers' experience when using an electronic medical order entry and bar-code technology in an ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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260	ICU handover: are we forgetting something? A preliminary study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
259	Quality and value of intensive care discharge summaries for general practitioners. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
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257	Radiation doses in young ICU patients: a cause for concern?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
256	Accuracy of height and weight estimation by critical care staff. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
255	Implementation of evidence-based care bundles in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
254	Awareness of difficult airway equipment on the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
253	A new patient mobilization scoring system in the ICU: what is the degree of similarity in scores between assessors in daily use?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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251	Severity of electrophysiological alterations correlates with severity of illness in the early phase of critical illness polyneuropathy. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
250	Muscle strength assessment of critically ill patients is associated with functional ability and quality of life at hospital discharge. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
249	Functional dependency in the direct post-ICU phase in patients with prolonged mechanical ventilation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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246	Modelling immune responses in sepsis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

245	Decreased peripheral CD4+/CD8+ lymphocytes and poor prognosis in aged sepsis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
244	Homeostatic pulmonary microenvironment is responsible for alveolar macrophages resistance to endotoxin tolerance. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
243	In vivo natural killer and natural killer T-cell depletion affects mortality in a murine pneumococcal pneumonia sepsis model. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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240	Apoptosis of neutrophils, expression of TREM-1 on neutrophils and IL-17 responses in experimental burn in injury are related to the type and time of burn exposure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
239	Insufficient autophagy relates to mitochondrial dysfunction, organ failure and adverse outcome in an animal model of critical illness. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
238	Modulation of mediators derived from whole blood or monocytic cells stimulated with lipopolysaccharide reduces endothelial cell activation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
237	A/H1N1 infection: immunological parameters in ICU patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
236	Time of course CD64, a leukocyte activation marker, during extracorporeal circulation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
235	Oral neutrophil quantitation in patients undergoing elective cardiopulmonary bypass. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
234	C13-pyruvate administration revealed differential metabolism between heart, liver and red blood cells and improved heart function during endotoxemia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
233	AMP-activated protein kinase controls liposaccharide-induced hyperpermeability. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
232	Reduced expression of PPAR- $\gamma$ limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
231	Effects of hexafluoro-2-propanol on inflammatory and hemodynamic responses in a rat model of endotoxic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
230	Effects of noradrenaline and lipopolysaccharide exposure on mitochondrial respiration in alveolar macrophages. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
229	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
228	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

227	Activated protein C, severe sepsis and 28-day mortality. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
226	Soluble usokinas plasminogen activator receptor as a useful biomarker to define advent of sepsis in patients with multiple injuries. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
225	Role of serum biomarkers in the diagnosis of infection in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
224	Correlation of VAP diagnosis with parameters of critically ill patients in a general ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
223	Usefulness of daily monitoring of procalcitonin and C-reactive protein in the early diagnosis of infection after elective colonic surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
222	Procalcitonin as a predictive marker for PCR test and blood culture results in suspected invasive candidemia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
221	Would procalcitonin measurement aid antimicrobial stewardship in a UK district general hospital mixed adult critical care population?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
220	Procalcitonin has a poor prognosis value in critically ill patients with candidemia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
219	Assessment of the usefulness of presepsin (soluble CD14 subtype) in septic patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
218	Circulating cell-free DNA levels measured by a novel simple fluorescent assay are predictive for outcome of severe sepsis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
217	Clinical usefulness of measuring endotoxin activity on ICU admission. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
216	Prognostic value of serum galactomannan in mixed ICU patients: a retrospective observational study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
215	Analysis of (1-3) $\beta$ -D-glucan as a diagnostic adjunct for invasive fungal infections in the ICU setting. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
214	Impaired heart rate variability predicts clinical deterioration and progressive organ failure in emergency department sepsis patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	4
213	Severe community-acquired pneumonia: risk factors for in-hospital mortality. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
212	Systemic corticosteroids for community-acquired pneumonia in adults. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
211	Characteristics of leptospirosis patients admitted to a tropical university hospital during the 2000 to 2010 period. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
210	Prognostic impact of imported and newly-isolated methicillin-resistant <i>Staphylococcus aureus</i> in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

209	Necrotizing pneumonia due to methicillin-sensitive <i>Staphylococcus aureus</i> secreting Panton-Valentine leukocidin: a review of case reports. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
208	Predicting methicillin-resistant <i>Staphylococcus aureus</i> in critically ill patients with pneumonia presenting to the hospital. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
207	Predictors of multidrug-resistant <i>Acinetobacter baumannii</i> infections: a retrospective analysis in surgical ICU patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
206	Risk factors for bronchial acquisition of resistant Gram-negative bacteria in critically ill patients and outcome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
205	Improved antibiotic stewardship resulting from a multifaceted strategy implemented after an outbreak of multiresistant <i>Acinetobacter baumannii</i> in a university ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
204	Empirical antifungal treatment in the critically ill patients: how does it impact on the outcome?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
203	Relationship between polyclonal immunoglobulin therapy and colonization by <i>Candida</i> spp.. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
202	Predictive and prognostic factors of septic shock of nosocomial origin. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
201	Catheter-related bloodstream infection: factors affecting incidence. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
200	Prognostic factors of septic shock. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
199	Severe sepsis in the United States: a 5-year analysis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
198	District hospital experience of organ support requirements for H1N1-associated pneumonia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
197	Compliance with the sepsis resuscitation bundle in patients with severe sepsis and septic shock admitted to Scottish ICUs. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
196	Improving early administration of antibiotics: a Plan Do Study Act Approach. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
195	Source-directed antimicrobials: a shot in the dark?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
194	Relation between temperature in the initial 24 hours in patients with severe sepsis or septic shock with mortality and length of stay in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
193	Temperature management for patients without brain injury in Australia and New Zealand ICUs: a point prevalence study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
192	Impact of antifungal treatment in ICU patients with <i>Candida</i> colonization: analysis of the EPIC II study population. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

191	Pharmacokinetics of micafungin in patients with severe burn injuries. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
190	Bacteremia affects the mortality of septic patients with high serum procalcitonin level in the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
189	Cases of tetanus after the Japan crisis 2011. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
188	Does the day of the week predict the presence of microbiologically confirmed ventilator-associated pneumonia?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
187	Assessing perforation of acute appendicitis using the delta neutrophil index reflecting the peripheral immature granulocyte count. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
186	Effects of a multifaceted quality improvement intervention in reducing mortality and bloodstream infection in ICUs: insights from the QUALITI initiative. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
185	Ceftazidime dosage regimen recommendations in burn patients based on a Monolix population pharmacokinetic study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
184	Continuous versus intermittent vancomycin in children after cardiac surgery with delayed sternal closure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
183	Elimination of linezolid in patients undergoing low-flow continuous venovenous haemodiafiltration. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
182	A post-authorisation survey to analyse the perioperative teicoplanin plasma concentrations in adult patients with chronic bone sepsis, who received loading doses of 12 mg/kg 12-hourly for 48 hours followed by 12 mg/kg once daily. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
181	Pharmacokinetics of inhaled colistin in critically ill patients with ventilator-associated tracheobronchitis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
180	Efficacy of inhaled tobramycin in severe nosocomial pneumonia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
179	Comparison of a bronchoscopic microsample probe with bronchoalveolar lavage to measure cytokine levels in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
178	Clinical and epidemiological risk factors for ventilator-associated pneumonia in a cohort of critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
177	Use of a ventilator-associated pneumonia (VAP) bundle to decrease the VAP rate in Syria. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
176	A strategy for prevention and control of catheter-related bloodstream infection of ICU patients in China (Prevent CRBSI): a prospective, multicenter, controlled study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
175	Wash your hands: simple measures save lives. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
174	Comparison of hand hygiene in single-room versus open-plan ICUs. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

173	Compliance for decontamination of bedside computer keyboards on an ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
172	Reduced air contamination in an ICU environment with a portable air purification system. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
171	Effectiveness of an innovative system for the bio-decontamination of the ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
170	Massive hemoptysis in a respiratory ICU: causes, interventions and outcomes - Indian study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
169	Capnography use in Scottish ICUs. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
168	Digitalized acoustic monitoring of lung congestion. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
167	Usefulness of electrical activity of the diaphragm to detect intrinsic positive end-expiratory pressure during pressure support ventilation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
166	Adequate lung sliding identification is not influenced by the level of academic or ultrasound training. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
165	Lung ultrasound can differentiate <i>Pneumocystis jiroveci</i> versus other etiologies among critically ill AIDS patients with pneumonia. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	5
164	Difference in accuracy of lung sliding identification between the right and left hemithorax. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
163	Trans-thoracic echo evaluation before and during noninvasive ventilation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
162	Listen to PaO <sub>2</sub> /FiO <sub>2</sub> ratios: they tell us about length of stay. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
161	Worst Oxygenation Index during the first 24 hours of ventilation predicts mortality. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
160	The Oxygenation Index compared with the P/F ratio in ALI/ARDS. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
159	Do actual tidal volumes differ from prescribed tidal volumes?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
158	Intratracheal administration of siRNA targeting FAS reduces ischemia-reperfusion-induced lung injury. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
157	Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of TNF receptor I. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
156	Retrieval of patients with severe respiratory failure on venovenous extracorporeal membrane oxygenation: an intensivist-led model. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78



155	A new miniaturized extracorporeal membrane oxygenator with integrated rotary blood pump (Ilias): first results in a porcine model of lung injury. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
154	ECMO in nonintubated patients as a bridge to lung transplant: our experience. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
153	Extracorporeal life support in major trauma: case series from a tertiary referral trauma. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
152	Two years' experience with bicaval dual lumen cannula for venovenous extracorporeal membrane oxygenation in adult refractory acute respiratory distress syndrome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
151	Resolution of organ functional scores to predict outcomes in severe acute respiratory distress syndrome patients receiving extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
150	Corticosteroids for critically ill patients: an international survey of intensivists. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
149	Effects of salbutamol on airway characteristics in mechanically ventilated adults without COPD. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
148	Respiratory system elastance monitoring during PEEP titration. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
147	Accuracy of the pressure-volume curve method compared to quantitative lung CT scan to assess the recruitable lung in patients with acute respiratory failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
146	Flow-controlled expiration discloses PEEP-dependent dynamic hysteresis of the pressure-volume loop. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
145	Feasibility of early spontaneous breathing in acute respiratory distress syndrome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
144	A device for ventilation-analogue mechanostimulation in vitro. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
143	Hemodynamics effects of recruitment maneuver. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
142	Differential pulmonary and circulatory effects of preventive lung protective ventilation in an experimental postoperative sepsis model. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
141	High NT-proBNP level is correlated with high PEEP, low PH and low PaO <sub>2</sub> /FiO <sub>2</sub> in ARDS. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
140	Early application of high-frequency oscillatory ventilation in H1N1 influenza-related severe ARDS is associated with better outcome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
139	Outcomes of early delivery in pregnant patients with acute respiratory distress syndrome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
138	Mechanical ventilation demographics between 1999 and 2009. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

137	Mechanical ventilation in intensive and critical care units of Russia: RuVent national epidemiologic study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
136	Use of a fully closed-loop ventilation mode in long-term ventilated ICU patients: a prospective study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
135	Effects of low and high tidal volume and pentoxifylline on intestinal blood flow and leukocyte-endothelial interactions in mechanically ventilated rats. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
134	A method for continuous noninvasive assessment of respiratory mechanics during spontaneous breathing. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
133	Influence of catheter diameter, endotracheal tube diameter, suction pressure, and PEEP on the tracheal pressure and lung volume during endotracheal suctioning using a lung model. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
132	Risk factors of mortality in severe cutaneous adverse reactions patients with pulmonary involvement. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
131	During spontaneous breathing cardiac output lacks major effect on pulmonary shunting in porcine lungs with partial collapse. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
130	Oxygenation correlates with lung aeration during unsupported spontaneous breathing in porcine lung collapse model. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
129	Safety and effect of intermittent intrapulmonary percussive ventilation on oxygen saturation and hemodynamic functions. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
128	Impact of an open lung approach on hemodynamic parameters after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
127	A protective-ventilation strategy reduces pulmonary complications after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
126	A rule for predicting the new equilibrated carbon dioxide partial pressure after changes in the ventilation frequency. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
125	Patient-ventilator asynchrony during conventional or automated pressure support ventilation in difficult-to-wean patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
124	High levels of B-type natriuretic peptide predict weaning failure from mechanical ventilation in adult patients after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
123	Case-control study of failed extubation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
122	Out-of-bed extubation: changing paradigms. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
121	Prediction of post-extubation failure by portable ICU ultrasound. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
120	Intermittent aspiration of pharyngeal secretion for re-intubation prevention. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

119	Efficacy of biphasic cuirass ventilation in the critical care department. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
118	Differences in neurophysiologic effects between CPAP and a novel high-flow therapy system. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
117	Management of acute bronchospasm respiratory distress with CPAP ventilation associated with nebulization in the prehospital emergency setting. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
116	Difference between continuous positive airway pressure via mask therapy plus chest physiotherapy (CPT) and incentive spirometry therapy plus CPT to treat or prevent acute atelectasis after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
115	Nasal high-flow oxygen in patients with hypoxic respiratory failure: effect on functional and subjective respiratory parameters compared to conventional oxygen therapy and noninvasive ventilation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
114	Short-term effect of humidified high nasal flow oxygen in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
113	Good response on high nasal oxygen flow reduces the need for intubation in adult respiratory failure. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
112	An audit of airway complications in a district general hospital ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
111	Multidisciplinary care for patients with tracheostomy shortened time to decannulation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
110	Influence of percutaneous tracheostomy on gas exchange in mechanically ventilated patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
109	Bronchoscope-guided percutaneous dilatational tracheostomy performed by an experienced intensivist: a 26-month experience at a tertiary care center in United Arab Emirates. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
108	Risk factors for poor outcome in patients with osmotic demyelination syndrome. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
107	Is inappropriate secretion of anti-diuretic hormone (SIADH) the cause of hyponatremia in Legionella pneumonia?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
106	Fluctuations in serum sodium level are associated with an increased risk of death in surgical ICU patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
105	Impact of ketogenesis and strong ion difference on acid-base in our CICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
104	Buffer therapy in metabolic acidosis after surgery-associated hemorrhage in pediatric oncology. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
103	An unusual cause of high anion gap metabolic acidosis: pyroglutamic acidosis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	0
102	Metabolic acid-base disturbances in patients in the emergency department. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78

101	Aberrant bone metabolism in critical illness. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
100	Low serum 25-hydroxyvitamin D levels and acute kidney injury in the critically ill. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
99	Concentration of major vitamins in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
98	No association between vitamin D deficiency at admission and outcome in a medical ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
97	Plasma levels of Coenzyme Q10 are reduced in critically ill patients as compared to healthy volunteers and correlate with age. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
96	Reduced cortisol metabolism drives hypercortisolism in critical illness. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
95	Effect of low-dose hydrocortisone on the expression of glucocorticoid receptor alpha of the septic kidney in rats and its protective effect on kidney injury. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
94	Hydrocortisone increases the risk of dysglycemia in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
93	Nutritional status of patients occupying ICUs in the state of Rio de Janeiro. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
92	Investigating diarrhoea on the ICU: a retrospective study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
91	Preliminary report of surface electrogastrography in critically ill septic patients after resuscitation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
90	Frequency, determinants and impact of feed intolerance amongst the critically ill. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
89	Gastric emptying assessment in critically ill patients with feed intolerance; comparison of <sup>13</sup> C octanoic acid, paracetamol and 3-O-methylglucose absorption tests. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
88	Early enteral nutrition in the critically ill: a single-centre study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
87	Preliminary experience with ketone-targeted treatment of diabetic ketoacidosis. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
86	Impact of blood glucose on blood lactate levels in a medical ICU: a retrospective cohort study. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	5
85	Relationship between glycemic Lability Index, infections and outcome in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	0
84	Variability of insulin sensitivity during the first 4 days of critical illness. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	4

83	Endogenous insulin secretion in critically ill patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
82	Impact of the type of glucose monitoring on the assessment of glycemic variability in critical care patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
81	Evaluation of a continuous blood glucose monitoring system using a central venous catheter with an integrated microdialysis function. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
80	Variable and maximum blood glucose levels during the first week after ICU admission are related to the severity of the patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
79	Pilot trial of STAR in the medical ICU. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
78	Glucometer accuracy and implications for clinical studies. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
77	Initial experience with continuous intra-arterial fluorescent glucose monitoring in patients in the ICU following cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
76	Preliminary ICU experience of a novel intravascular blood glucose sensor. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	3
75	Does tight glycemic control positively impact on patient mortality?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
74	Glycaemic control in ICUs in large English hospitals: a follow-up telephone survey. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
73	Model-based regulation of glucose in critical care. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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69	Prognostic value of Killip classification in terms of health-related quality of life. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
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51	Elevated central venous pressure in septic patients is associated with impairment of microcirculatory blood flow. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
50	Human protein C concentrate to restore physiological values in adult septic shock patients: effects on microcirculation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
49	Heart rate reduction with esmolol in septic shock: effects on microcirculation. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
48	Microcirculation and blood transfusion: effects of three different types of concentrated red blood cells - preliminary results. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2

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46	Hyperoxia affects peripheral tissue microcirculation in patients with pulmonary arterial hypertension. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	2
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44	Central venous catheter placement: where is the end of the line?. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
43	Power-injectable peripherally inserted central catheters in intensive care patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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39	The T-Line TL-200 system for continuous noninvasive blood pressure measurement in medical ICU patients. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	78
38	Reliability of radial arterial pressure monitoring after cardiac surgery. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
37	Right/left ventricular area ratio does not correlate with right ventricular impedance. <i>Critical Care</i> , <b>2012</b> , 16,	10.8	1
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32	Evaluation of sublingual microcirculatory blood flow in the critically ill. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2012</b> , 56, 298-306	1.9	28
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30	Early utilization of hypertonic peritoneal dialysate and subsequent risks of non-traumatic amputation among peritoneal dialysis patients: a nationwide retrospective longitudinal study. <i>BMC Nephrology</i> , <b>2013</b> , 14, 128	2.7	1

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19	Microcirculatory Blood Flow as a New Tool for Perioperative Fluid Management. <b>2016</b> , 159-170		
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17	An observational study of microcirculation in dialysis patients and kidney transplant recipients. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 630-637	4.6	12
16	Inflammatory and Angiogenic Factors Linked to Longitudinal Microvascular Changes in Hemodialysis Patients Irrespective of Treatment Dose Intensity. <i>Kidney and Blood Pressure Research</i> , <b>2017</b> , 42, 905-918	3.1	7
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