

# CITATION REPORT

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Population pharmacokinetic modeling and optimal sampling strategy for Bayesian estimation of amikacin exposure in critically ill septic patients

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#	Paper	IF	Citations
587	Optimal sampling strategy development methodology using maximum a posteriori Bayesian estimation. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 133-46	3.2	51
586	Current Practice of Therapeutic Drug Monitoring: Dose Adjustment of Drugs using Pharmacokinetic Models. <b>2012</b> , 103-119		3
585	Population pharmacokinetics of four $\beta$ -lactams in critically ill septic patients comedicated with amikacin. <b>2012</b> , 45, 780-6		23
584	PopED: an extended, parallelized, nonlinear mixed effects models optimal design tool. <b>2012</b> , 108, 789-805		51
583	A window into diaphragm kinetics: feasibility, precision, and physiological meaning of ultrasound measurements of diaphragm thickness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
582	Guidelines for aminoglycoside use and applicability to geriatric patients. <b>2013</b> , 43, 118-22		1
581	Abstracts of the 33rd International Symposium on Intensive Care and Emergency Medicine. Brussels, Belgium. March 19-22, 2013. <i>Critical Care</i> , <b>2013</b> , 17 Suppl 2, P1-545	10.8	5
580	Reversible depressive effect of TNF $\alpha$ on a model of isolated perfused rat heart. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
579	Effect of cdp-choline on microcirculatory alterations during endotoxemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
578	Immune response after stimulation with wall components of Gram-positive bacteria. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
577	Correlation of the oxygen radical activity and antioxidants and severity in critically ill surgical patients: preliminary report. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
576	Simultaneous analysis of the expression of CD64 and HLA-DR in the peripheral blood and bronchoalveolar lavage fluid in sepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
575	Anti-inflammatory effects of Kupffer cells through $\alpha$ -nicotinic acetylcholine receptors. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
574	Prevention of sepsis by correcting apoptosis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
573	Immune paralysis in trauma patients; implications for prehospital intervention. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
572	Is hemoglobin concentration affected by sepsis in the acute phase?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
571	Do changes in red blood cell deformability in patients with septic shock correlate with changes in SOFA scores?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

570	Do erythrocytes subjected to cardiopulmonary bypass exhibit changes in their membrane mechanical properties?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
569	Platelet-associated oxidative stress and ADAMTS-13 levels are inversely associated with a poor prognosis in septic shock. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
568	Neutrophil gelatinase-associated lipocalin/lipocalin2, derived from gut crypt cells, exerts intestinal antimicrobial effect via bacterial stimulation of Toll-like receptor 4 and 9. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
567	Lethal influenza virus A H1N1 infection in two relatives with autosomal dominant GATA-2 deficiency. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
566	Bacterial translocation primes proinflammatory responses and is connected to early death in an experimental model of lethal injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
565	Effects of the common 34C>T variant of the AMPD1 gene on immune function, multiorgan dysfunction and mortality in patients with sepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
564	Exploring the translational disconnect between the murine and human inflammatory response: in vitro analysis of the dose-response relationship of LPS and NFB activation in murine and human immune cells. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
563	Hypogammaglobulinemia in sepsis is not correlated to high circulating angiopoietin-2 levels. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
562	TREM-1 levels are elevated in patients with liver cirrhosis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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549	Pro-adrenomedullin as prognostic biomarker in the sepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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545	Serum levels of presepsin reflects the APACHE II and SOFA scores in patients with sepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
544	Relationship between serum nitrite/nitrate levels in the early phase of septic acute lung injury and prognosis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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461	Physiologic effects and regional ventilation of high-frequency positive-pressure ventilation using a conventional ventilator in a severe ARDS animal model associated with an inspiratory pause or recruitment maneuvers. <i>Critical Care, 2013, 17,</i>	10.8	78
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449	Novel biomarkers for prediction of mortality after acute exacerbation of chronic obstructive pulmonary disease. <i>Critical Care, 2013, 17,</i>	10.8	78
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439	Analysis of management of non-invasive ventilation support in prehospital care for COPD patients and short-term outcome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
438	Retrospective review of utilisation and outcomes of diaphragmatic EMG monitoring and neurally adjusted ventilatory assist in a central London teaching hospital over a 3-year period. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
437	Validation of a lung ultrasound protocol in acute respiratory failure: preliminary results. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
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433	Main indications, diagnostic and therapeutic yield of bronchoscopy in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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431	Endotracheal tube with tapered-type cuff for preventing ventilator-associated pneumonia: a randomized clinical trial. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
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428	Quantitative assessment of endotracheal tube (ETT) biofilm by micro-CT scan: evaluation of the effectiveness of ETT cleaning devices. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
427	Early identification of patients at risk of difficult intubation in the ICU: development and validation of the MACOCHA score in a multicenter cohort study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0

426	Incidence of major complications related to endotracheal intubation in ICUs of nonacademic Brazilian public hospitals. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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423	NT-proBNP and cardiac cycle efficiency changes during extubation process in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
422	Comparison of outcomes between early and late tracheostomy for critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
421	Ultrasound scanning for percutaneous dilatational tracheostomy: a systematic review. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
420	Evaluation of a new device for emergency transcricoid ventilation in a manikin model. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
419	Device for measuring bronchodilator delivery and response in resource-limited settings. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
418	Evidence-based guidelines and protocols for the management of adult patients with a tracheostomy: a systematic review. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
417	Survey of emergency tracheostomy management in the East of England region. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
416	Can we keep neck breathers safe? A survey on training adequacy of medical staff caring for tracheostomy/laryngectomy patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
415	Laryngeal mask as a safe and effective ventilatory device during Blue Dolphin tracheostomy in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
414	Real-time ultrasound-guided balloon dilatational percutaneous tracheostomy is a safe procedure in critically ill patients: an evaluation study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	16
413	Right ventricular restriction in interventional lung assist for acute respiratory distress syndrome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
412	Left ventricular electromechanical dyssynchrony and mortality in cardiothoracic intensive care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
411	Safety of ultrasound-guided central venous access in critically ill patients with uncorrected coagulopathy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
410	Cyanoacrylate glue prevents early bleeding of the exit site after CVC or PICC placement. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	7
409	Intracardiac ECG for confirmation of correct positioning of central venous catheters is safe and cost-effective. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

408	Is automated brachial cuff measurement of arterial pressure less accurate in cases of arrhythmia?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
407	Cardiac output monitoring in brain-stem-dead potential organ donors: an audit of current UK practice. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
406	Indocyanine green plasma disappearance rate for assessment of liver function: re-evaluation of normal ranges and impact of biometric data. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
405	Prediction of 28-day mortality by indocyanine green disappearance rate, other markers of hepatic function and transpulmonary thermodilution parameters: a prospective study in 154 patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
404	Mixed and central venous oxygen saturation are not interchangeable in patients with cardiogenic shock after cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
403	Pulmonary hemodynamic disorder in pediatric sepsis and their correction with L-arginine infusion. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
402	Utility of transesophageal echocardiography in the ICU: a preliminary US perspective. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
401	Cardiopulmonary monitoring in Thai ICUs: results of ICU-RESOURCE I surveys. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
400	Establishing a critical care echocardiography laboratory. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
399	Contrast-enhanced ultrasonography in the ICU: promising tool or exciting toy?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
398	Hemodynamic disclosure of septic shock patients by intensive care ultrasound. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
397	Influence of positive end-expiratory pressure on four-chamber longitudinal strain analysis by speckle tracking echocardiography. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
396	Evaluation of a new calibration index suggesting recalibration of the pulse contour cardiac index by transpulmonary thermodilution: a prospective study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
395	Validation of less-invasive hemodynamic monitoring with Pulsioflex in critically ill patients: interim results of a multicentre study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
394	Interim results of an ongoing study on the use of non-invasive hemodynamic monitoring with Nexfin in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
393	Cost-effectiveness analysis of stroke volume variation guided perioperative hemodynamic optimization. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
392	EV1000/VolumeView: a new device for a more reliable measurement of extravascular lung water index in patients with lung resections. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
391	Goal-directed resuscitation therapy in high-risk patients undergoing cardiac surgery (GRICS study): a randomized controlled trial - preliminary results. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1

390	Perioperative volume management for esophageal cancer surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
389	Treatment-related cardiac complications associated with goal-directed therapy in high-risk surgical patients: a meta-analysis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
388	Estimation of potential cost-savings related to the implementation of perioperative hemodynamic goal-directed therapy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
387	Cardiac output estimation: Vigileo and Mostcare versus echocardiography. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
386	Brachial pulse waveform characteristics predict development of organ failure in septic patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
385	Computerized decision support system improves consistency of haemodynamic assessment amongst ICU team members. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
384	Volume quantification by contrast-enhanced ultrasound and thermodilution: an in vitro comparison. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
383	Successful introduction of cardiac index, fluid responsiveness and oxygen delivery data into the primary survey at a central London major trauma centre and impact on time to CT, fluid resuscitation and disposal. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
382	Fluid responsiveness in pressure support ventilation: role of asynchrony. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
381	Comparison of pulse pressure variation with radial arterial systolic, diastolic and pulse transit time interval variation in pediatric patients undergoing liver transplantation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
380	Mini-fluid challenge: how much fluid and what parameter to use?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
379	Looking for the inflexion point of the Frank-Starling curve. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
378	Prediction of stroke volume response to fluid bolus in 100 children. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
377	Microcirculatory changes during goal-directed or mean arterial pressure-guided fluid therapy in abdominal surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
376	Postoperative imaging of the intestinal microcirculation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
375	Monitoring microcirculatory blood flow with a new sublingual tonometer in a porcine model of haemorrhagic shock. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
374	Sublingual microcirculatory changes during transient intra-abdominal hypertension: a study in laparoscopic surgery patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
373	Changes in microcirculatory perfusion during cardiac surgery are paralleled by alterations in glycocalyx integrity. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	5

372	Microvascular response to cold stress in healthy humans. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
371	Microcirculatory response to experimentally-induced whole body heat stress in healthy humans. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
370	Observational study of the effects of age, diabetes mellitus, cirrhosis and chronic kidney disease on sublingual microvascular flow. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
369	Lactate clearance as a determinant of mortality in surgical patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
368	Assessment of the mottling score as a mortality predictor in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
367	Impact of different haemodynamic resuscitation strategies on brain perfusion and tissue oedema markers in a model of severe haemorrhagic shock. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
366	Accuracy of the shock index and various modified shock indexes to predict early mortality in patients suffering from gastrointestinal haemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
365	Inhaled carbon monoxide or nebulized sodium nitrite protect against hemorrhagic shock-induced mitochondrial dysfunction. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
364	Is norepinephrine more effective than other vasopressors for septic shock? A systematic review and meta-analysis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
363	Vasopressin Versus Norepinephrine for the Management of Shock After Cardiac Surgery (VaNCS study): a randomized controlled trial. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
362	Intraaortic counterpulsation in a second-level institution: indications, management and outcome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
361	Impact of left ventricular ejection fraction and elevated filling pressures on mortality in mechanically ventilated patients in severe sepsis or septic shock. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
360	Effect of $\beta$ blockers and calcium channel blockers on shock index predictability in patients suffering from urosepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
359	Levosimendan in critically ill adults: a utilisation review. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
358	Levosimendan versus dobutamine in Tako-tsubo cardiomyopathy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
357	Combined effects of ivabradine with dobutamine or levosimendan in isolated perfused hearts. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
356	Influence of temperature on the cardiac action of dobutamine and levosimendan in isolated perfused hearts. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
355	Conflicting results between V/Q SPECT and angioscan in pulmonary embolism: what to do?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

354	Intraabdominal hypertension and abdominal compartment syndrome in patients admitted to a medical and surgical ICU at a third referral university hospital. <i>Critical Care, 2013, 17,</i>	10.8	1
353	Red cell distribution width predicts cardiovascular complications after high-risk surgery. <i>Critical Care, 2013, 17,</i>	10.8	78
352	Consequences of obesity in outcomes after cardiac surgery: analysis of the ARIAM registry. <i>Critical Care, 2013, 17,</i>	10.8	78
351	Myocardial injury in critically ill patients admitted with noncardiac diagnoses. <i>Critical Care, 2013, 17,</i>	10.8	78
350	Validation of the GRACE score risk in our population. <i>Critical Care, 2013, 17,</i>	10.8	78
349	Outcomes of incomplete and complete revascularization in ACS. <i>Critical Care, 2013, 17,</i>	10.8	78
348	Non-invasive valve implantation with TAVI versus conventional aortic valve replacement. <i>Critical Care, 2013, 17,</i>	10.8	78
347	Time to recover from shock is determinant of a positive fluid balance in septic shock. <i>Critical Care, 2013, 17,</i>	10.8	78
346	Lactate clearance is a predictor of sustained bleeding in emergency room patients with moderate upper gastrointestinal bleeding. <i>Critical Care, 2013, 17,</i>	10.8	78
345	Muscular glucose assessed by microdialysis and blood glucose can predict mortality in septic shock. <i>Critical Care, 2013, 17,</i>	10.8	78
344	Constipation in critically ill patients and its relationship to feeding and weaning from respiratory support. <i>Critical Care, 2013, 17,</i>	10.8	2
343	Nasogastric tube dislodgement: a problem on our ICU. <i>Critical Care, 2013, 17,</i>	10.8	78
342	Handling of dietary protein in critically ill patients. <i>Critical Care, 2013, 17,</i>	10.8	1
341	Confirmation of nasogastric tube placement in critical care. <i>Critical Care, 2013, 17,</i>	10.8	0
340	pH testing to confirm nasogastric tube position on the ICU: are we wasting our time?. <i>Critical Care, 2013, 17,</i>	10.8	78
339	Effect of probiotic containing lactobacillus, bifidobacterium and streptococcus thermophilus in critically ill patients. <i>Critical Care, 2013, 17,</i>	10.8	78
338	Selenium levels in patients with different sources of sepsis. <i>Critical Care, 2013, 17,</i>	10.8	1
337	Is a combined i.v. and enteral glutamine regimen superior to a single i.v. glutamine regimen in severe thoracic trauma?. <i>Critical Care, 2013, 17,</i>	10.8	78

336	Clinical effect of altered lipid emulsion composition containing fish oil in postoperative patients following abdominal surgery: a prospective, randomized, open-label, comparative, multicenter phase 3 clinical study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
335	Influence of fat-based versus glucose-based enteral nutrition formulas on glucose homeostasis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
334	Effect of hypocaloric versus normocaloric parenteral nutrition on whole body protein kinetics in critically ill neurosurgical patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
333	Withholding parenteral nutrition for 1 week reduces ICU-acquired weakness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
332	Impact of early parenteral nutrition on muscle and adipose tissue compartments during critical illness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
331	Withholding parenteral nutrition during the first week of critical illness increases plasma bilirubin but lowers the incidence of cholestasis and gallbladder sludge. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
330	Impact of early parenteral nutrition on catabolism. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
329	Impact of early versus late parenteral nutrition on morphological and molecular markers of atrophy and autophagy in skeletal muscle of critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
328	Impact of closing an emergency department on a neighbouring teaching hospital: the concentrate effect. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
327	Overcrowding estimation in the emergency department: is the simplest score the best?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
326	GP-led walk-in centre in the UK: another way for urgent healthcare provision. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
325	Establishing a new emergency department: effects on patient flow. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
324	Prehospital EKG evaluation in Rio de Janeiro ambulances. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
323	Technique of ultrasound-guided peripheral venous access in the emergency room. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
322	FIB the fractured femur. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
321	Abdominal pain in adolescent females: a single-centre audit and review of management. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
320	Multidisciplinary approach to improving documentation of visual acuity in patients presenting with ocular trauma. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
319	BiPAP for treating moderate and severe asthma exacerbations in a PED. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78



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317	Abstract withdrawn. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
316	Thallium group poisoning incident in Japan 2011. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
315	Heart rate variability in children with tricyclic antidepressant intoxication. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
314	Diagnosing anisakiasis in the emergency department. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
313	Implementation of a sepsis protocol in a community hospital using a Telemedicine Program. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
312	Initial Brazilian experience of Telestroke for thrombolysis in a community hospital. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
311	Analysis of emergency calls achieved in a French emergency dispatching centre: what resources for which patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
310	Reform of emergency services: immediate effects on cardiac care unit and ICU patient intake. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
309	Overtriage and undertriage in a prehospital system over 7 years. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
308	Lorca hospital evacuation and medical attention by the emergency department. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
307	War injuries and civilian accidents in Afghan children. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
306	Intensive care and disaster medicine: the role of a compendium. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
305	Factors involved in ICU mortality following medical retrieval: identifying differences between ICU survivors and nonsurvivors. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
304	Algorithm for the resuscitation of traumatic cardiac arrest patients in a physician-staffed helicopter emergency medical service. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
303	Are physicians required during HEMS winch rescue missions?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
302	Improving maintenance of critical care land and aeromedical transfer equipment. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
301	Safety standards for intrahospital transfer of critical care patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

300	Prehospital hyperoxemia does not influence the functional neurological outcome in polytraumatized patients with traumatic head injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
299	Innate immune response-mediated late increase in SuPAR in multi-trauma patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
298	Single-dose estrogen infusion can amplify brain levels of Sonic hedgehog, a signal protein for neuro stem cells and repair following the indirect brain injury resulting after severe torso burns. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
297	Feasibility and experience of using exception from informed consent in a pilot study of immediate estrogen infusion for hypotensive trauma patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
296	Early administration of a single dose of parenteral estrogen decreases inflammation in the heart for 45 days after severe burns. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
295	Accuracy of FAST scan in blunt abdominal trauma in a major London trauma centre. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	5
294	Level of lipopolysaccharide-binding protein and microbial landscape with account of severity of sepsis syndromes in polytrauma. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
293	Risk factors for the development of complications following blunt chest trauma: a new risk stratification tool. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
292	Guidelines for chest drain insertion do not protect relevant anatomical structures. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
291	Prediction score of indications for whole body computed tomography in blunt trauma patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
290	Prehospital blood transfusion: 5-year experience of an Australian helicopter emergency medical service. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	15
289	Severe hyperkalemia is prevalent and can be detected by quantitative electrocardiographic findings and medication history of calcium channel blocker among the patients with symptomatic or extreme bradycardia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
288	Prehospital risk stratification following out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
287	Multidisciplinary Medical Emergency Team System increases survival in cancer patients undergoing cardiopulmonary resuscitation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
286	Focused cardiac ultrasound in resuscitation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
285	Acute intrathoracic gastric herniation as a rare cause of cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
284	Implementation of dispatcher-assisted cardiopulmonary instructions using the ALERT protocol: preliminary results in Belgium. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
283	Prehospital epinephrine administration and survival among patients with unshockable initial rhythm after out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

282	Impact of termination of resuscitation for out-of-hospital cardiopulmonary arrest in Japan. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
281	Survival from cardiopulmonary arrest after regular working hours in a tertiary-care hospital: retrospective study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
280	Cognitive performance and capacity to return home following out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
279	Start value of cerebral saturation in prehospital cardiac arrest patients: does it mean something?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
278	Intensive care admission after cardiac arrest: cardiac versus noncardiac causes and consequences for treatment. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
277	Comparison of 1-year neurological outcome between intra-hospital and extra-hospital cardiac arrest survivors submitted to mild therapeutic hypothermia in a community-based setting in Brazil. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
276	Primary percutaneous coronary angioplasty and therapeutic hypothermia in out-of-hospital cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
275	Infrared pupillometry for outcome prediction after cardiac arrest and therapeutic hypothermia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
274	Effect of moderate hyperventilation and induced hypertension on cerebral tissue oxygen saturation in comatose post-cardiac arrest patients treated with hypothermia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
273	Effects of viscosity on cerebral blood flow after cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
272	Therapeutic mild hypothermia after cardiac arrest in shockable and nonshockable rhythms: does it improve both survival and neurological outcome?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
271	Agreement between temperature measurements during cooling and warming through the esophagus. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
270	Association between oxygenation and 6-month mortality during post-cardiac arrest care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
269	Neuron-specific enolase and bispectral index/suppression ratio for prognostication after cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
268	Motor scores, therapeutic hypothermia and neurological outcome after cardiac arrest. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
267	Differences of calcium binding protein immunoreactivities in the young hippocampal CA1 region from the adult following transient ischemic damage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
266	Early hypothermia improves survival and reduces the rise of serum biomarkers after traumatic brain injury in swine. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
265	Epidemiology of moderate and severe traumatic brain injury in Cairo University Hospital in 2010. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1

264	Alcohol intoxication impedes the recognition of traumatic brain injury in the prehospital setting and may worsen 6-month outcome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
263	Predictive ability of the IMPACT-TBI prognostic model is improved by adding markers of coagulation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
262	Nonischemic endogenous lactate production in humans with severe traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
261	Japan Coma Scale used in the prehospital setting can predict clinical outcome in severe pediatric trauma. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	10
260	Effect of positive end-expiratory pressure on ultrasound measurement of optical sheath nerve diameter: preliminary study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
259	National survey of current protocols and management of the traumatic brain injury patients in UK ICUs. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
258	Low-frequency autoregulation index for calculation of optimal cerebral perfusion pressure in severe traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
257	Cerebral rSO <sub>2</sub> monitoring in pediatric altered mental status patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
256	Intravenous paracetamol for fever control in acute brain-injured patients: cerebral and hemodynamic effects. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
255	Retrospective analysis of the hemodynamic effects of induction of barbiturate coma in patients with refractory elevated intracranial pressure. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
254	Hospital readmissions following traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	4
253	Risk factors of pituitary disorders following traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
252	Vasopressin reduces the cumulative epinephrine dose in hypothermic swine with traumatic brain injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
251	Long-term functional outcome in adults with severe TBI: a meta-analysis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
250	Monitoring of severe traumatic brain injury patients in UK ICUs: a national survey. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
249	Survival analysis after head injury: is a normal INR reassuring?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
248	One-year extended Glasgow Outcome Scale and hospital mortality predictors in patients with severe traumatic brain injury in Brazil. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
247	Early respiratory deterioration predicts poor outcome after aneurysmal subarachnoid hemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

246	Evaluation of proximal-distal velocity gradient in spastic middle cerebral artery after aneurismal subarachnoid hemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
245	Microparticles in aneurismal subarachnoid hemorrhage: role in acute and delayed cerebral ischemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
244	Intracranial pressure after subarachnoid hemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
243	Prevalence of pituitary disorders associated with aneurysmal subarachnoid hemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
242	Correlation between the timing of endovascular coiling or microsurgical clipping and long-term outcomes of patients after aneurysmal subarachnoid haemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
241	Time course of neuropsychological functioning after aneurysmal subarachnoid hemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
240	Neuroprotective effect of a new synthetic aspirin-decursinol adduct in a rat model of ischemic stroke. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
239	Prevalence of acute critical neurological disease in children: a global epidemiological assessment (PANGEA). <i>Critical Care</i> , <b>2013</b> , 17,	10.8	4
238	Survival analysis of patients taking dabigatran who consulted an emergency department for acute bleeding: a first alarm. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
237	Bedside anti-Xa measurement for therapeutic assessment of a prophylactic anticoagulation regimen. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
236	Effective dosage of enoxaparin for intensive care patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
235	Anti-Xa activities following 5,000 IU and 7,500 IU of s.c. dalteparin in critically ill patients and 5,000 IU in medical patients: a prospective randomized study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
234	Randomized double-blind placebo-controlled PK/PD study on the effects of a single intravenous dose of the anti-hepcidin Spiegelmer NOX-H94 on serum iron during experimental human endotoxemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	6
233	Haemoglobin concentration on admission to intensive care influences hospital mortality rates and length of stay: a retrospective study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
232	Influence of epidural anesthesia on the hemocoagulation disorders and quantity of septic complications in patients with acute necrotizing pancreatitis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
231	Hemoviscoelastography: a new method of hemostasis monitoring. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
230	Thromboelastographic monitoring of fondaparinux in surgical patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
229	Urokinase-induced fibrinolysis in thromboelastography (UKIF-TEG) to assess fibrinolysis in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

228	Bleeding complications after central line insertions and the relevance of pre-procedure coagulation tests and blood component therapy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
227	Efficacy of tranexamic acid in decreasing blood loss during cesarean section. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
226	Dose-response of fibrinogen and factor XIII concentrate for correcting albumin-induced coagulopathy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
225	Intraoperative cell salvage for life-threatening haemorrhagic caesarean section. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
224	Does protamine infusion reduce postoperative blood loss and heparin rebound in cardiac surgery patients? A retrospective analysis of 240 patients on the cardiac ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
223	Transfusion Requirements in Surgical Oncology Patients (TRISOP): a randomized, controlled trial. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
222	Red blood cell transfusion is a predictor of mortality and morbidity in children undergoing cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
221	Red blood cell transfusion results in worse outcomes in patients with left ventricular dysfunction undergoing on-pump cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
220	Defining the need for a massive transfusion in severe blunt traumatic patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
219	Association between red blood cell transfusions and clinical outcome in critically ill children. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
218	Microcirculation and blood transfusions during sepsis: leukoreduced (LR) versus non-LR red blood cells. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
217	Massive blood transfusion for obstetric haemorrhage. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
216	Blood transfusion practices in the ICU of a level 1 trauma centre and tertiary cardiac unit. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
215	C1 inhibitor attenuates pulmonary inflammation in an in vivo model of transfusion-related acute lung injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
214	Incidence, risk factors and outcome of TRALI after cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
213	Albumin-induced coagulopathy is less severe and more effectively reversed with fibrinogen concentrate than is synthetic colloid-induced coagulopathy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
212	Network meta-analysis of clinical trials of fluid treatments in sepsis demonstrates improved survival with albumin compared with crystalloid and hydroxyethyl starch. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
211	Assessing the economic impact of catheter-related bloodstream infections when switching from open to closed system delivery of human albumin solutions in ICUs. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

210	Comparing the hemodynamic effects of six different colloids. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
209	Strong ion difference and arterial bicarbonate concentration as cornerstones of the impact of fluid therapy on acid-base balance. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
208	Microcirculatory response to fluid challenge: should we prefer balanced colloids to rebalance tissue perfusion?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
207	Procedural sedation in the emergency department. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
206	Impact of an age, kidney and liver function adjusted sedation protocol in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
205	Risk and benefit of protocol sedation and daily interruption of sedation for mechanically ventilated patients: a systematic review. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
204	Chemical and physical compatibility of continuous intravenous drug infusion combinations used in paediatric intensive care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
203	Abstract withdrawn. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
202	Benzodiazepines induce hyperglycemia in rats by affecting peripheral disposal of glucose. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
201	Prolonged sedation in ARDS patients with inhaled anesthetics: our experience. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
200	Involvement of mitochondrial ATP-sensitive K <sup>+</sup> channels in fentanyl-induced mitochondrial dysfunction of cultured human hepatocytes. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
199	Effects of clonidine on microcirculatory alterations during endotoxemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
198	Conjunctival administration of S+ketamine in rabbits. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
197	Use of propofol for procedural sedation reduces length of stay in the emergency department. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
196	Pre-PRIS? Prospective monitoring for early markers of propofol infusion syndrome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
195	Safety profile of 1,008 cases of propofol sedation in the emergency department. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
194	Use of physical restraint in Dutch ICUs: prevalence and motives. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
193	Factors influencing the use of physical restraints in Canadian ICUs. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1

192	Current practices in ICU delirium management: a prospective multicenter study in the Netherlands. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
191	Intraoperative dexamethasone and delirium after cardiac surgery: a randomized clinical trial. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
190	Current perspectives, beliefs and practices concerning delirium in critically ill patients: a multicenter survey among Dutch healthcare professionals. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
189	International validation of the delirium prediction model for ICU patients (PREDELIRIC): a multicenter observational study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
188	Delirium in ICU patients is associated with increased temperature variability. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
187	Long-term outcome of delirium in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
186	Gastrointestinal symptoms in the ICU: a comparison of primary and secondary acute gastrointestinal injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
185	Effects of proton pump inhibitor versus H2-receptor antagonist stress ulcer prophylaxis on ventilator-associated pneumonia: a pilot study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	4
184	Early diagnosis of liver failure in septic patients using the maximal liver function capacity test (LiMAX test): comparison with conventional methods. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
183	Impact of liver resection on portal venous pressure and renal function. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
182	Value of the preoperative Model for End-stage Liver Disease score in predicting postoperative outcome in living donor liver transplantation recipients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
181	Does just fungal evidence increase the mortality of critically ill patients with liver cirrhosis? A retrospective analysis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
180	Predictors of persistent organ failure in ICU patients with severe acute pancreatitis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
179	Increased plasma levels of thrombopoietin in patients with severe acute pancreatitis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
178	Severe renal dysfunction measured by pRIFLE in children is an independent factor associated with death and not predicted by PIM2. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
177	Thorough evaluation for the new acute kidney injury criteria by Kidney Disease Improving Global Outcomes. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
176	Urinary neutrophil gelatinase-associated lipocalin as an early predictor of acute kidney injury in cardiac surgery patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
175	Atrial natriuretic peptide attenuates metabolic acidosis and inflammation of the kidney, lung and heart in a rat model of renal ischemia-reperfusion injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78



174	Perioperative sodium bicarbonate to prevent acute kidney injury after cardiac surgery: a multicenter double-blind randomized controlled trial. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
173	Tubular damage biomarkers linked to inflammation or iron metabolism predict acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
172	Renal response and acid-base balance alterations during furosemide administration. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
171	Red cell distribution width is not a predictor of mortality in acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
170	Value of Tc-99m DMSA renal scan in assessing the prognosis and outcome of acute renal failure due to sepsis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
169	Estimated glomerular filtration rate based on hospital discharge creatinine may significantly overestimate renal function and underestimate chronic kidney disease in survivors of critical illness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
168	Varying models of intra-abdominal hypertension and their effect on renal function in a porcine model. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
167	Renal resistive index can predict response to furosemide in septic patients with oliguria. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
166	Urinary chitinase 3-like 1, a novel biomarker for acute kidney injury in adult cardiac intensive care patients: a pilot study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
165	Use, type and duration of cardiopulmonary bypass are related to acute kidney injury occurrence and urinary NGAL concentrations. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
164	Symmetrical dimethylarginine is a more sensitive biomarker of renal dysfunction than creatinine. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	8
163	Prognostic value of neutrophil gelatinase-associated lipocalin and transpulmonary thermodilution-derived parameters within 48 hours after admission. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
162	Assessment of neutrophil gelatinase-associated lipocalin as a biomarker of acute kidney injury in acute heart failure patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
161	Neutrophil gelatinase-associated lipocalin predicts postoperative fluid overload after cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
160	Survivors of acute kidney injury requiring renal replacement therapy rarely receive follow-up: identification of an unmet need. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
159	Aetiology and outcomes for dialysis-dependent acute kidney injury patients on the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
158	Efficiency of substitutive renal therapy in the complex intensive care of multiple organ failure in patients with polytrauma. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
157	Can treatment with the molecular adsorbent recirculation system be the solution for type-1 hepatorenal syndrome?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

156	Effect of continuous high-volume hemofiltration on patients with acute respiratory distress syndrome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
155	Dialyzer clearance of myoglobin with middle molecule filter and low blood flow CVVHD in patients with rhabdomyolysis-associated acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
154	Daily fluid balance predicts hospital mortality in critically ill patients receiving continuous renal replacement therapy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
153	Fluid balance and renal outcomes in patients requiring renal replacement therapy in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
152	Pharmacokinetics and pharmacodynamics of esomeprazole and ranitidine during continuous venovenous hemodiafiltration. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
151	Pharmacokinetics of gentamicin and vancomycin during continuous venovenous hemofiltration in critically ill septic patients with acute kidney injury. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
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149	Abstract withdrawn. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
148	Muscle wasting in the ICU can be reliably monitored using ultrasound. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
147	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
146	Abstract withdrawn. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
145	Hypocalcemia during magnesium therapy for obstetric ICU admissions. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
144	Hyponatremia and intensive care outcome. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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142	Relative adrenal insufficiency in burns. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
141	Albumin-adjusted calcium concentration should not be used to identify hypocalcaemia in critical illness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
140	Vitamin D status and overall and sepsis mortality in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
139	Etiology of low testosterone levels in male patients with severe sepsis requiring mechanical ventilation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	4

138	Efficacy of calcium replacement in hypocalcaemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
137	Endogenous melatonin in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
136	Succinate ameliorates mitochondrial oxygen consumption of metformin-intoxicated human platelets. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
135	Does chronic metformin therapy offer cardiomyoprotection in coronary artery bypass grafting surgery patients? A case-control study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
134	Metformin-associated lactic acidosis: risk factors and prognostic factors. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
133	Multiscale modeling of acute insulin resistance in critical care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
132	Impact of a real-time electronic persistent hyperglycemia alert on glucose control in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
131	Individualized targeted glucose control to avoid hypoglycemia. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
130	Hyperglycemia in intensive care identifies patients at high risk of developing diabetes: preliminary data of a multicentre study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
129	Association between average glucose levels and hospital mortality among critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
128	Continuous glucose monitoring in critically ill adults: comparison of two different calibration protocols. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
127	Root cause analysis of hypoglycemic events in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
126	Continuous arterial and venous glucose monitoring by quenched chemical fluorescence in ICU patients after cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
125	Performance of the Medtronic Sentrino <sup>®</sup> continuous glucose management system in the cardiac ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
124	Intensive insulin therapy in critically ill children: impact on blood glucose dynamics and its relation with mortality. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
123	Implementation of evidence-based protocols improves survival: a 15-year surgical ICU experience in 10,172 patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
122	Decubitus ulcers are associated with prolonged length of stay in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
121	HIV patients admitted to an ICU of a university hospital - experience of 15 years: 1995 to 2009. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

120	Prevalence and prognosis of organ dysfunctions of AIDS critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
119	Mortality predictors in septic HIV patients in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
118	Outcome of intensive care treatment for lung cancer patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
117	Outcome of older patients with cancer requiring ICU admission. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
116	Identifying risk factors for readmission to the ICU: a qualitative approach. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
115	Clinical and laboratory postoperative impact on outcome of living donor liver transplantation recipients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
114	Are APACHE II scores better predictors of mortality than routine laboratory values?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
113	Complementarity of prognosis models SAPS 3 and EuroSCORE in cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
112	Comparing intensive care treated primary, secondary and tertiary sepsis with respect to length of stay, organ failure and mortality: a pilot study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
111	Survival of older patients after critical care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
110	Eldicus scores for admission to our ICU: a retrospective study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
109	Developing a screening instrument for predicting psychological morbidity after critical illness. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
108	Prediction of sequences of organ dysfunction in critical patients studied with Bayesian analysis. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
107	Comparison of IGS 2 score and a new neural network biomarker score performance in predicting 1-year mortality. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
106	Significance of preadmission quality of life for mortality in the ICU: a prospective cohort study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
105	Predicting physical function and mental health in trauma intensive care patients 2 years after hospitalisation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
104	Do ICU patients' discharge characteristics change with Swiss Diagnosis Related Groups?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
103	Do Diagnosis Related Groups change admission practice to a large Swiss ICU?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1

102	Variable cost of a Greek ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
101	Audit of the medical staffing of and referrals to a mixed adult ICU in a teaching hospital. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
100	Impact of the time elapsed between ICU request and actual admission on mortality and length of stay. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
99	Medical problems: review from the major nuclear incidents. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
98	Variation in acute care burden and supply across diverse urban settings. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
97	Differences in severity and resource utilization for medical and surgical ICU patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
96	Educational effectiveness of introductory training for the Rapid Response System in Japan. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
95	Standards of referrals and admissions of critically ill patients to the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
94	Knowledge of confidentiality, consent and information disclosure is not affected by position or experience in adult critical care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
93	Survey of alcohol-related admissions to critical care and the resource and financial implications. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
92	Association of sleep disordered breathing with clinical trajectories in patients undergoing cardiac surgery. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
91	Can massage therapy help cardiac patients? A literature review plus a case study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
90	Ischemic stroke in different ICU types. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
89	Development of a severe influenza critical care curriculum and training materials for resource-limited settings. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	3
88	Quality assurance in severe sepsis: an individualised audit/feedback system results in substantial improvements at a UK teaching hospital. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	0
87	Safety climate perception for staff nurses in an ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
86	Physico-technical medicine: teaching technical skills to the intensivist. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
85	First-hour protocol clarifies resource management and nursing staff education in the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78

84	Influence of critical care nurse education and work environment on outcomes of mechanically ventilated older adults. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
83	Activity and case-mix changes in a medical ICU after the geographical transfer of a third-level university hospital. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
82	Are general wards sufficiently staffed to care for level 1 patients?. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
81	Sleep quality among ICU workers. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
80	Work-related stress amongst doctors in intensive care, anaesthetics, accident and emergency and general medicine. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
79	Audit of obstetric critical care admissions in a high-risk population. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
78	Influence of adverse drug events on the mortality and the length of hospital stay in ICUs in Japan: the JADE Study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
77	Attitude and knowledge of intensive care staff concerning donation in Hungary: it is the first step to change. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
76	Specialist nurse for organ donation in an emergency department will increase organ donation. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
75	Sepsis in HIV patients admitted to the ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
74	Mortality related to respiratory failure among pediatric hematology patients requiring intensive care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
73	Survival of critically ill patients with haematological malignancies compared with patients without haematological malignancy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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71	Effect of organizational structure of the ICU on the prognosis: open format versus semi-closed format. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
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65	Let's go round again! Quality improvement through intentional rounding. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
64	Prospective observational study of handover in a medical ICU. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
63	Impact of knowledge transfer through the implementation of a telemedicine program in a community hospital in Brazil. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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61	Different aspects of therapy limitation: a comparative study of the nurse's view. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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59	End-of life thoughts in the ICU: results of a survey. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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57	Attitudes of intensivists in the UK to withdrawal of futile therapy. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
56	Parent's perception on end-of-life care in Brazil. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
55	Getting critical care patients home for end-of-life care. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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53	Feasibility of neuromuscular electrical stimulation in critically ill patients. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	1
52	Follow-up and counseling service in trauma patients: needs and goals - a preliminary study. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	
51	Post-traumatic stress disorder - are we doing all we can? A UK national-based survey. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
50	Implementation of an ICU follow-up clinic: outcomes and patient satisfaction after 1 year. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	2
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46	Recognition of the primary stressors affecting intensive care patients: a systematic review. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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40	Abstract withdrawn. <i>Critical Care</i> , <b>2013</b> , 17,	10.8	78
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37	Correction: The use, type and duration of cardiopulmonary bypass are related to acute kidney injury occurrence and urinary NGAL concentrations. <i>Critical Care</i> , <b>2013</b> , 17, P547	10.8	78
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33	Cost-constrained optimal sampling for system identification in pharmacokinetics applications with population priors and nuisance parameters. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2103-2109	3.9	2
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25	Évaluation des pratiques professionnelles du suivi thérapeutique pharmacologique de la vancomycine dans un centre hospitalier tunisien. <i>Pharmacien Hospitalier Et Clinicien</i> , <b>2017</b> , 52, 71-82	0.2	
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