

Serum erythropoietin levels in healthy humans after a s
hyperbaric oxygen breathing: the â€œnormobaric oxyg

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Oxygen breathing may be a cheaper and safer alternative to exogenous erythropoietin (EPO). Medical Hypotheses, 2007, 69, 1200-1204.	0.8	20
2	Increased erythropoietin concentration after repeated apneas in humans. European Journal of Applied Physiology, 2008, 102, 609-613.	1.2	37
3	Hyperoxia may be beneficial. Critical Care Medicine, 2010, 38, S559-S568.	0.4	61
4	EPO and doping. European Journal of Applied Physiology, 2010, 109, 1001-1002.	1.2	6
5	Apnea: A new training method in sport?. Medical Hypotheses, 2010, 74, 413-415.	0.8	26
6	The "normobaric oxygen paradox" TM : a simple way to induce endogenous erythropoietin production and concomitantly raise hemoglobin levels in anemic patients. Transfusion Alternatives in Transfusion Medicine, 2010, 11, 39-42.	0.2	11
7	Apixaban after Acute Coronary Syndrome. New England Journal of Medicine, 2011, 365, 1844-1845.	13.9	4
8	Oxygen Sensing, Homeostasis, and Disease. New England Journal of Medicine, 2011, 365, 1845-1846.	13.9	35
9	The normobaric oxygen paradox: A novel way to administer oxygen as an adjuvant treatment for cancer?. Medical Hypotheses, 2011, 76, 467-470.	0.8	31
10	Acute normobaric hyperoxia transiently attenuates plasma erythropoietin concentration in healthy males: evidence against the "normobaric oxygen paradox" TM theory. Acta Physiologica, 2011, 202, 91-98.	1.8	17
11	Increasing EPO using the normobaric oxygen paradox: a "not so simple" TM task. Acta Physiologica, 2011, 203, 287-288.	1.8	9
12	Effect of N-acetyl-cysteine and hyperoxia on erythropoietin production. European Journal of Applied Physiology, 2011, 111, 2681-2686.	1.2	15
13	The effect of acute hyperoxia in vivo on NF kappa B expression in human PBMC. Cell Biochemistry and Function, 2011, 29, 71-73.	1.4	7
14	Increase in endogenous erythropoietin synthesis through the normobaric oxygen paradox in cardiac surgery patients. British Journal of Anaesthesia, 2011, 106, 752-753.	1.5	12
15	The Role of Training in the Development of Adaptive Mechanisms in Freedivers. Journal of Human Kinetics, 2012, 32, 197-210.	0.7	27
16	Pulsed high oxygen induces a hypoxic-like response in human umbilical endothelial cells and in humans. Journal of Applied Physiology, 2012, 113, 1684-1689.	1.2	47
17	Hypoxia, a multifaceted phenomenon: the example of the "Normobaric Oxygen Paradox". European Journal of Applied Physiology, 2012, 112, 4173-4175.	1.2	14
18	Prevailing evidence contradicts the notion of a "normobaric oxygen paradox". European Journal of Applied Physiology, 2012, 112, 4177-4178.	1.2	0

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19	Techniques to measure cardiac output: minimally invasive method versus thermodilution. Critical Care, 2012, 16, .	2.5	0
20	Effects of cardiac output levels on the measurement of transpulmonary thermodilution cardiac output in patients with acute lung injury. Critical Care, 2012, 16, .	2.5	0
21	Comparison of bioimpedance and oesophageal Doppler cardiac output monitoring during abdominal aortic surgery. Critical Care, 2012, 16, .	2.5	1
22	Cardiac output monitoring in cirrhotic patients: EV1000 versus pulmonary artery catheter - preliminary data. Critical Care, 2012, 16, .	2.5	0
23	Pulse contour cardiac output monitoring is less reliable in critically ill children. Critical Care, 2012, 16, .	2.5	0
24	Impact of arterial catheter location on the accuracy of cardiac output provided by an endotracheal bioimpedance device. Critical Care, 2012, 16, .	2.5	0
25	Accuracy of the PiCCO2-derived pulse contour cardiac index (Cl _{pc}): development and validation of a calibration index in two independent collectives. Critical Care, 2012, 16, .	2.5	0
26	Cardiac output monitoring using the LiDCOplus [®] monitor in abdominal aortic surgery: changes in calibration factor in aortic aneurysm disease versus aortic occlusive disease. Critical Care, 2012, 16, .	2.5	1
27	Haemodynamic changes during the peri-extubation period using bioreactance flow monitoring. Critical Care, 2012, 16, .	2.5	0
28	Left ventricular stroke volume measurement by impedance cardiography correlates with echocardiography in neonates. Critical Care, 2012, 16, .	2.5	2
29	Validation of less-invasive hemodynamic monitoring with Pulsioflex in critically ill patients. Critical Care, 2012, 16, .	2.5	1
30	A preliminary study on the use of noninvasive hemodynamic monitoring with the Nexfin monitor in critically ill patients. Critical Care, 2012, 16, .	2.5	0
31	Computer-based monitoring of global cardiovascular dynamics during acute pulmonary embolism and septic shock in swine. Critical Care, 2012, 16, .	2.5	0
32	Homeodynamic complexity: multifractal analysis of physiological instability. Critical Care, 2012, 16, .	2.5	0
33	Accuracy of conventional urinary output monitoring in the ICU. Critical Care, 2012, 16, .	2.5	4
34	Changes in B-type natriuretic peptide and related hemodynamic parameters following a fluid challenge in patients with severe sepsis or septic shock. Critical Care, 2012, 16, .	2.5	0
35	The Brody effect to detect hypovolemia in clinical practice. Critical Care, 2012, 16, .	2.5	1
36	Stroke volume variation guided fluid therapy in septic shock with ARDS. Critical Care, 2012, 16, .	2.5	0

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37	Assessment fluid responsiveness in septic shock patients: a comparison of automated pulse pressure variation and manually calculated pulse pressure variation. Critical Care, 2012, 16, .	2.5	0
38	Applicability of methods for fluid responsiveness prediction in the ICU. Critical Care, 2012, 16, .	2.5	0
39	Fluid responsiveness during weaning from mechanical ventilation. Critical Care, 2012, 16, .	2.5	0
40	Microcirculatory blood flow is related to clinical signs of impaired organ perfusion, and its dynamics to the macrohemodynamic concept of fluid responsiveness. Critical Care, 2012, 16, .	2.5	1
41	Frank-Starling and Guyton together at bedside during a fluid challenge. Critical Care, 2012, 16, .	2.5	0
42	Prediction of fluid responsiveness in intensive care (PREFERENCE study): fluid challenge versus passive leg raising in high-risk surgical patients. Critical Care, 2012, 16, .	2.5	7
43	Tight control of fluid balance may reduce incidence of intra-abdominal hypertension in patients after major abdominal surgery and trauma: a pilot study. Critical Care, 2012, 16, .	2.5	0
44	Negative fluid balance 48 hours after admission improves survival at 28 days in critically ill patients. Critical Care, 2012, 16, .	2.5	0
45	Goal-directed fluid and hemodynamic therapy in major colon surgery with the pressure recording analytical method cardiac output monitor (MostCare®-PRAMÂ®): prospective analysis of 58 patients. Critical Care, 2012, 16, .	2.5	0
46	Implementation of an optimal fluid management protocol using the PiCCO system delays development of ARDS secondary to severe sepsis. Critical Care, 2012, 16, .	2.5	1
47	Confrontation of the increase in ELWI rate regarding the septic polytraumatised patient administering furosemide: is it effective?. Critical Care, 2012, 16, .	2.5	0
48	Indexation of extravascular lung water in unselected adult patients with and without mechanical ventilation: a prospective study in 50 patients with 843 transpulmonary thermodilutions. Critical Care, 2012, 16, .	2.5	0
49	How to perform indexing of extravascular lung water data. Critical Care, 2012, 16, .	2.5	0
50	Near-normal values of extravascular lung water in children. Critical Care, 2012, 16, .	2.5	0
51	Transthoracic ultrasound assessment of B-lines for identifying the increment of extravascular lung water in shock patients requiring fluid resuscitation. Critical Care, 2012, 16, .	2.5	0
52	Fluid therapy tactics in patients with polytrauma during interhospital transportation. Critical Care, 2012, 16, .	2.5	0
53	A prospective, randomized, clinical trial comparing the hemodynamics, efficacy, and safety of 6% hydroxyethyl starch 130/0.4 compared to albumin in postoperative patients undergoing pancreaticoduodenectomy. Critical Care, 2012, 16, .	2.5	0
54	Effect of balanced versus unbalanced HES solution on cytokine response in a rat model of peritonitis. Critical Care, 2012, 16, .	2.5	0

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55	Evaluation of effectiveness and safety of hydroxyethyl starch (HES 130 kDa/0.4) in burn resuscitation. Critical Care, 2012, 16, .	2.5	1
56	Normal saline resuscitation worsens lactic acidosis in experimental sepsis. Critical Care, 2012, 16, .	2.5	6
57	Albumin in early septic shock resuscitation: examination of plasma and urine inflammatory markers. Critical Care, 2012, 16, .	2.5	0
58	Study of the correlation between central venous oxygen saturation and venous saturation from the antecubital vein in severe sepsis/septic shock patients. Critical Care, 2012, 16, .	2.5	2
59	Central venous hyperoxia is related to changes in tissue perfusion and morbi-mortality of patients in shock. Critical Care, 2012, 16, .	2.5	0
60	Curve analysis of tissue oxygen desaturation after a venous occlusion test does not identify the central venous hemoglobin oxygen saturation. Critical Care, 2012, 16, .	2.5	0
61	Lactate in burn patients: biomarker of sepsis and mortality. Critical Care, 2012, 16, .	2.5	2
62	Can we predict arterial lactate from venous lactate in the emergency department?. Critical Care, 2012, 16, .	2.5	2
63	Cross-correlation analysis of blood and microdialysis-assessed tissue lactate monitoring: a study in critically ill septic patients. Critical Care, 2012, 16, .	2.5	0
64	Admission lactate and outcome after high-risk surgery. Critical Care, 2012, 16, .	2.5	0
65	Effects of induced relative hypoxia during the postoperative period of abdominal oncologic surgery, on hemoglobin and reticulocyte levels: a prospective, randomized controlled clinical trial. Critical Care, 2012, 16, .	2.5	1
66	Pre-emptive hypothermia during resuscitated porcine hemorrhagic shock. Critical Care, 2012, 16, .	2.5	0
67	Carbon monoxide therapy protects against hepatic microvascular injury in a mouse model of murine hemorrhagic shock and resuscitation. Critical Care, 2012, 16, .	2.5	0
68	Customized modeling to predict the use of vasopressors in ICUs. Critical Care, 2012, 16, .	2.5	0
69	Implementation of the fifth link of the Chain of Survival concept for out-of-hospital cardiac arrest. Critical Care, 2012, 16, .	2.5	0
70	Examination of out-of-hospital cardiac arrest patients with the Utstein style in Saga prefecture, Japan. Critical Care, 2012, 16, .	2.5	1
71	Effectiveness and limitations of learning cardiopulmonary resuscitation with an automated external defibrillator in the curriculum of First Aid courses among lay people. Critical Care, 2012, 16, .	2.5	0
72	Survival after out-of-hospital cardiac arrest during nights and weekends. Critical Care, 2012, 16, .	2.5	0

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73	CPR initiated after telephone-assisted instruction produces a better outcome of bystander-witnessed out-of-hospital cardiac arrests than no bystander CPR but is less effective than CPR on the bystander's own initiative. Critical Care, 2012, 16, .	2.5	0
74	Critical times in pediatric out-of-hospital cardiac arrest. Critical Care, 2012, 16, .	2.5	1
75	Don't stop your heart in front of your family: family as a bystander is associated with poor outcome of bystander-witnessed, bystander-CPR-performed out-of-hospital cardiac arrest. Critical Care, 2012, 16, .	2.5	0
76	Coronary perfusion pressure in a pig model of prolonged cardiac arrest treated by different modes of venoarterial extracorporeal membrane oxygenation and intraaortic balloon counterpulsation. Critical Care, 2012, 16, .	2.5	4
77	Capnometry successfully predicts outcome and determination of the cessation of cardiopulmonary resuscitation efforts. Critical Care, 2012, 16, .	2.5	1
78	Modified clinical decision rule for termination-of-resuscitation in cases of refractory out-of-hospital cardiac arrest. Critical Care, 2012, 16, .	2.5	0
79	Survival benefit for patients receiving antibiotics following out-of-hospital cardiac arrest. Critical Care, 2012, 16, .	2.5	0
80	Correlation between IL-6 and S-100B blood levels and outcome of post-cardiac arrest syndrome and influence of therapeutic hypothermia on these mediator blood levels. Critical Care, 2012, 16, .	2.5	0
81	Early neurological outcome prediction model after bystander-witnessed out-of-hospital cardiac arrest: a nationwide population-based study. Critical Care, 2012, 16, .	2.5	0
82	Helium ventilation is safe and feasible in ICU patients admitted after cardiac arrest. Critical Care, 2012, 16, .	2.5	2
83	Therapeutic hypothermia in an out-of-hospital arrest population: are we selecting appropriately?. Critical Care, 2012, 16, .	2.5	0
84	Therapeutic hypothermia for nonventricular fibrillation/ventricular tachycardia cardiac arrest. Critical Care, 2012, 16, .	2.5	0
85	Comparison of cold crystalloid and colloid infusions for induction of therapeutic hypothermia. Critical Care, 2012, 16, .	2.5	0
86	Cerebral oxygenation during induction of therapeutic hypothermia after cardiac arrest. Critical Care, 2012, 16, .	2.5	0
87	Survey on the management of patients treated with therapeutic hypothermia post cardiac arrest in London hospitals. Critical Care, 2012, 16, .	2.5	0
88	Simplified EEG/aEEG to monitor the injured brain after cardiac arrest. Critical Care, 2012, 16, .	2.5	0
89	Usefulness of a Bispectral index oriented sedative method without neuromuscular blocker for therapeutic hypothermia after cardiac arrest. Critical Care, 2012, 16, .	2.5	0
90	Predictive factors of neurologic outcome in therapeutic hypothermia after prehospital return of spontaneous circulation. Critical Care, 2012, 16, .	2.5	0

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91	Employment status 1 year after out-of-hospital cardiac arrest in comatose patients treated with therapeutic hypothermia. <i>Critical Care</i> , 2012, 16, .	2.5	0
92	Changes in cerebrospinal fluid and serum cytokine levels in severe traumatic brain injury patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
93	Noninvasive cerebral oxygenation monitoring during rapid ventricular pacing in transcatheter aortic valve implant. <i>Critical Care</i> , 2012, 16, .	2.5	0
94	Novel models to predict elevated intracranial pressure during intensive care and long-term neurological outcome after TBI. <i>Critical Care</i> , 2012, 16, .	2.5	0
95	Transcranial Doppler pulsatility index is a poor predictor of hydrocephalus in patients with aneurysmal subarachnoid haemorrhage. <i>Critical Care</i> , 2012, 16, .	2.5	0
96	Transcranial cerebral oximetry in newborn infants on mechanical ventilation as a method for prevention of hyperoxia and oxidative stress. <i>Critical Care</i> , 2012, 16, .	2.5	0
97	Cerebral oximetry and brain death in the ICU: data from seven cases. <i>Critical Care</i> , 2012, 16, .	2.5	3
98	Deoxyhaemoglobin as a biomarker of cerebral autoregulation. <i>Critical Care</i> , 2012, 16, .	2.5	3
99	Study of the acoustic stem evoked potentials in blood circulation disorder in the vertebral basilar basin. <i>Critical Care</i> , 2012, 16, .	2.5	0
100	Examination of the autonomic nervous system in the ICU: a pilot study. <i>Critical Care</i> , 2012, 16, .	2.5	0
101	Predictive value of glial fibrillary acidic protein for prognosis in patients with moderate and severe traumatic brain injury: a systematic review and meta-analysis. <i>Critical Care</i> , 2012, 16, .	2.5	3
102	Prevalence of pituitary disorders associated with traumatic brain injury: a systematic review. <i>Critical Care</i> , 2012, 16, .	2.5	2
103	Mannose binding lectin deficiency attenuates neurobehavioral deficits following experimental traumatic brain injury. <i>Critical Care</i> , 2012, 16, .	2.5	0
104	Azathioprine and aspirin in treatment of childhood primary arterial stroke: therapeutic benefits and side effects. <i>Critical Care</i> , 2012, 16, .	2.5	0
105	Changes of ribosomal protein S3 immunoreactivity and its new expression in microglia in the mice hippocampus after lipopolysaccharide treatment. <i>Critical Care</i> , 2012, 16, .	2.5	0
106	Neuronal damage using Fluoro-Jade B histofluorescence and gliosis in the striatum after various durations of transient cerebral ischemia in gerbils. <i>Critical Care</i> , 2012, 16, .	2.5	7
107	Molecular, histological and microcirculatory modeling of cerebral ischemia in pigs. <i>Critical Care</i> , 2012, 16, .	2.5	0
108	Delayed post-ischaemic administration of xenon reduces brain damage in a rat model of global ischaemia. <i>Critical Care</i> , 2012, 16, .	2.5	0

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109	Seizures in the respiratory ICU: single-center study of patients with new-onset seizures. <i>Critical Care</i> , 2012, 16, .	2.5	1
110	Early treatment with intravenous immunoglobulins in patients with critical illness polyneuropathy: a randomized controlled, double-blinded study. <i>Critical Care</i> , 2012, 16, .	2.5	0
111	Intracranial pressure monitoring in acute liver failure: a retrospective cohort study. <i>Critical Care</i> , 2012, 16, .	2.5	2
112	Retrospective observation of 6-month survival following decompressive craniectomy in a London major trauma and stroke centre. <i>Critical Care</i> , 2012, 16, .	2.5	1
113	Feasibility of a multicenter prospective cohort study on the evaluation of prognosis in severe traumatic brain injury. <i>Critical Care</i> , 2012, 16, .	2.5	0
114	Predictive value of neuron-specific enolase following moderate and severe traumatic brain injury: a systematic review and meta-analysis. <i>Critical Care</i> , 2012, 16, .	2.5	0
115	Blood-brain barrier permeability following traumatic brain injury. <i>Critical Care</i> , 2012, 16, .	2.5	6
116	Can urinary 8-OHdG be a good indicator of vasospasm occurrence following subarachnoid hemorrhage?. <i>Critical Care</i> , 2012, 16, .	2.5	9
117	Cortical capillary recruitment by rosuvastatin in experimental brain trauma is associated with increased NO production. <i>Critical Care</i> , 2012, 16, .	2.5	0
118	Effects of simvastatin in prevention of vasospasm in nontraumatic subarachnoid hemorrhage: preliminary data. <i>Critical Care</i> , 2012, 16, .	2.5	3
119	Evaluation of arterial and venous ophthalmic hemodynamics in preeclamptic pregnant women. <i>Critical Care</i> , 2012, 16, .	2.5	0
120	Data classification of magnetic resonance tomography and computer tomography images of brain in parturients with neurological complications of eclampsia. <i>Critical Care</i> , 2012, 16, .	2.5	0
121	Eleven years of critical obstetric pathology: epidemiologic study. <i>Critical Care</i> , 2012, 16, .	2.5	0
122	Clinical outcomes in neonates following maternal magnesium sulfate therapy in preeclampsia/eclampsia. <i>Critical Care</i> , 2012, 16, .	2.5	0
123	Sleep monitoring by actigraphy in short-stay ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	1
124	Quality and quantity of sleep in multipatient versus single-room ICUs. <i>Critical Care</i> , 2012, 16, .	2.5	1
125	Oral melatonin in high-risk critically ill patients: quality of sedative effect. <i>Critical Care</i> , 2012, 16, .	2.5	1
126	Sedation depth and mortality in mechanically ventilated critically ill adults. <i>Critical Care</i> , 2012, 16, .	2.5	1

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127	Sedation in the ICU: nurses' perceptions of practices and influencing factors. Critical Care, 2012, 16, .	2.5	0
128	Implementation of a national guideline for analgesia and sedation: how often can a RASS of 0 to -2 be achieved?. Critical Care, 2012, 16, .	2.5	0
129	Comparison of the RAMSAY score and the Richmond Agitation Sedation Score for the measurement of sedation depth. Critical Care, 2012, 16, .	2.5	16
130	Dexmedetomidine is associated with better outcomes in patients undergoing cardiac surgery. Critical Care, 2012, 16, .	2.5	0
131	Cerebral ischemia-reperfusion model in rabbits: relationship between dexmedetomidine and biochemical parameters in lowering intraparenchymal pressure. Critical Care, 2012, 16, .	2.5	0
132	Evaluation of sedation using pupillometry in ICUs: a pilot study. Critical Care, 2012, 16, .	2.5	0
133	Effect of critical illness on the pharmacokinetics and dose-response relationship of midazolam. Critical Care, 2012, 16, .	2.5	2
134	Effect of propofol and midazolam on microcirculation of septic shock patients. Critical Care, 2012, 16, .	2.5	0
135	Current use of pain scores in Dutch ICUs: a postal survey in the Netherlands. Critical Care, 2012, 16, .	2.5	0
136	Efficiency estimation of intrapleural and thoracic paravertebral block in combination with general anesthesia at thoracoscopic interventions. Critical Care, 2012, 16, .	2.5	0
137	Preoperative diclofenac reduces postcraniotomy headache: a randomized, placebo-controlled trial. Critical Care, 2012, 16, .	2.5	0
138	Long-term adverse neuropsychological functioning in children who survived meningococcal septic shock: is there a relationship with sedation and analgesia during paediatric ICU admission?. Critical Care, 2012, 16, .	2.5	0
139	Delirium could be an indicator of sepsis in patients under 65 years old with urinary tract infections. Critical Care, 2012, 16, .	2.5	0
140	Delirium screening in critically ill patients: a systematic review and meta-analysis. Critical Care, 2012, 16, .	2.5	7
141	Electroencephalography-based monitoring of delirium in the ICU: what are the opportunities?. Critical Care, 2012, 16, .	2.5	2
142	Performance of SAPS 3 in predicting delirium among critically ill patients. Critical Care, 2012, 16, .	2.5	0
143	Incidence of delirium and inadequacy of the clinical diagnosis in patients in intensive care. Critical Care, 2012, 16, .	2.5	0
144	Investigation into detection and treatment rates of hyperactive and hypoactive delirium in the ICU setting. Critical Care, 2012, 16, .	2.5	0

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145	Memories and post-traumatic stress-related symptoms in older, post-cardiac surgery patients: substudy of an RCT. <i>Critical Care</i> , 2012, 16, .	2.5	0
146	Using tramadol to monitor hepatic drug metabolism in the critically ill. <i>Critical Care</i> , 2012, 16, .	2.5	0
147	Data mining techniques for predicting acute kidney injury after elective cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	5
148	Acute kidney injury in critically ill patients with A/H1N1 pneumonitis in 2010/11. <i>Critical Care</i> , 2012, 16, .	2.5	0
149	A RIFLE score-based trigger for renal replacement therapy and survival after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
150	Effect of off-pump versus on-pump coronary artery bypass grafting in patients with chronic kidney disease. <i>Critical Care</i> , 2012, 16, .	2.5	1
151	Effects of renal-dose dopamine on renal tubular functions following coronary artery bypass grafting surgery. <i>Critical Care</i> , 2012, 16, .	2.5	1
152	Nurses' knowledge regarding the early identification of acute kidney injury. <i>Critical Care</i> , 2012, 16, .	2.5	0
153	Neutrophil gelatinase-associated lipocalin predicts postoperative fluid overload, a potentially modifiable risk factor for mortality after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	2
154	Plasma and urine neutrophil gelatinase-associated lipocalin as markers of acute kidney injury in critically ill adults. <i>Critical Care</i> , 2012, 16, .	2.5	0
155	Plasma and urine neutrophil gelatinase-associated lipocalin in septic and nonseptic ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
156	Urinary neutrophil gelatinase-associated lipocalin as an early marker of acute kidney injury complicating circulatory shock. <i>Critical Care</i> , 2012, 16, .	2.5	0
157	Additive value to clinical judgement of blood neutrophil gelatinase-associated lipocalin in diagnosis of acute kidney injury and prediction of mortality in patients hospitalized from the emergency department. <i>Critical Care</i> , 2012, 16, .	2.5	3
158	Is cystatin C reliable in the anesthetized pig? An experimental study with special reference to septic shock. <i>Critical Care</i> , 2012, 16, .	2.5	1
159	Are serum cystatin-C-based estimates better than those derived from serum creatinine in critically ill patients?. <i>Critical Care</i> , 2012, 16, .	2.5	2
160	Assessment of glomerular filtration rate in trauma patients in early resuscitation phase. <i>Critical Care</i> , 2012, 16, .	2.5	1
161	Validation of a continuous low-dose iohexol infusion to measure the glomerular filtration rate. <i>Critical Care</i> , 2012, 16, .	2.5	0
162	Investigation into the effects of commencing haemodialysis in the critically ill. <i>Critical Care</i> , 2012, 16, .	2.5	0

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163	Is the AKIN score useful as an indicator of the optimum time for intervention with renal replacement therapy in critically ill patients?. Critical Care, 2012, 16, .	2.5	0
164	Timing for initiation of continuous renal replacement therapy in patients with septic shock and acute kidney injury. Critical Care, 2012, 16, .	2.5	0
165	Early application of CVVH In the complex treatment of patients with early severe acute pancreatitis. Critical Care, 2012, 16, .	2.5	1
166	Timing of the initiation of continuous renal replacement therapy and clinical outcome in patients with severe sepsis and septic shock. Critical Care, 2012, 16, .	2.5	0
167	Amino acid concentrations in serum, urine and dialysate/ultrafiltrate solutions of continuous venovenous hemodiafiltration patients. Critical Care, 2012, 16, .	2.5	0
168	Evaluation of the potential adverse effects associated with calcium carbonate precipitate during continuous venovenous hemofiltration. Critical Care, 2012, 16, .	2.5	0
169	Regional citrate anticoagulation in CVVH: a new protocol combining citrate solution with a phosphate-containing replacement fluid. Critical Care, 2012, 16, .	2.5	0
170	Regional citrate anticoagulation with a low-concentration solution in predilution-postdilution CVVH. Critical Care, 2012, 16, .	2.5	0
171	Exposure to intermittent hemodialysis and renal recovery after acute kidney injury: a systematic review. Critical Care, 2012, 16, .	2.5	2
172	Sustained low-efficiency dialysis for renal replacement therapy in the ICU: a cost-benefit analysis of the years 2006 to 2010. Critical Care, 2012, 16, .	2.5	0
173	The new dialysis method Mini-SLED is useful for dialyzing acute brain stroke patients. Critical Care, 2012, 16, .	2.5	0
174	Investigation into haemodynamic stability during intermittent haemodialysis in the critically ill. Critical Care, 2012, 16, .	2.5	0
175	Evaluation of microcirculation before and during continuous renal replacement therapy and the impact of dose prescription. Critical Care, 2012, 16, .	2.5	0
176	Ultrafiltration during continuous hemofiltration in stabilized ICU patients is not associated with microcirculatory perfusion derangements. Critical Care, 2012, 16, .	2.5	0
177	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. Critical Care, 2012, 16, .	2.5	0
178	Degree of impaired kidney function at hospital discharge has a major impact on long-term survival of critically ill patients recovered from renal failure. Critical Care, 2012, 16, .	2.5	0
179	Long-term survival for ICU patients with acute kidney injury. Critical Care, 2012, 16, .	2.5	0
180	Super high-flux continuous hemodialysis: an efficient compromise for blood purification in sepsis. Critical Care, 2012, 16, .	2.5	0

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181	Efficacy of continuous haemodiafiltration using a polymethylmethacrylate membrane haemofilter in the treatment of sepsis and acute respiratory distress syndrome. <i>Critical Care</i> , 2012, 16, .	2.5	1
182	Possible adsorption mechanism of high mobility group box 1 protein on a polyacrylonitrile (AN69ST) membrane filter. <i>Critical Care</i> , 2012, 16, .	2.5	0
183	High mobility group box 1 levels in septic disseminated intravascular coagulation patients undergoing Polymyxin-B immobilized fiber-direct hemoperfusion. <i>Critical Care</i> , 2012, 16, .	2.5	0
184	Polymyxin B-immobilized fiber column hemoperfusion has the ability of endotoxin removal during 24 hours. <i>Critical Care</i> , 2012, 16, .	2.5	0
185	Polymyxin B-direct hemoperfusion therapy could contribute to hemodynamics and outcomes in emergency surgical patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
186	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> , 2012, 16, .	2.5	0
187	Mortality and priority level for ICU admission in the setting of limited critical care beds in El Salvador. <i>Critical Care</i> , 2012, 16, .	2.5	1
188	Mainz Emergency Evaluation Scoring in combination with capnometry predicts outcome in trauma patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
189	Predicting outcome in the ICU: comparison of Ranson criteria and Ranson + CRP levels in acute pancreatitis. <i>Critical Care</i> , 2012, 16, .	2.5	1
190	Number of failed organs and response to therapy determine outcome in patients with acute pancreatitis requiring level 1 organ support. <i>Critical Care</i> , 2012, 16, .	2.5	0
191	Mortality predictors in acute pancreatitis admitted to the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
192	System biology prediction model based on clinical data: highly accurate outcome prediction in patients with acute-on-chronic liver failure. <i>Critical Care</i> , 2012, 16, .	2.5	0
193	Prognostic relevance of arterial ammonia levels in different acute and acute-on-chronic liver diseases. <i>Critical Care</i> , 2012, 16, .	2.5	2
194	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> , 2012, 16, .	2.5	1
195	Incidence, morbidity and mortality of admissions related to alcohol consumption on critical care: a single-centre experience. <i>Critical Care</i> , 2012, 16, .	2.5	1
196	Changing outcomes in patients with chronic liver disease in intensive care: a decade of experience. <i>Critical Care</i> , 2012, 16, .	2.5	2
197	Multivariate regression analysis of outcomes following orthotopic liver transplantation in decompensated cirrhotics transplanted from the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
198	Liver transplantation in the critically ill: a Canadian collaboration. <i>Critical Care</i> , 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
199	Acute respiratory distress syndrome: analysis of incidence and mortality in a university hospital critical care unit. <i>Critical Care</i> , 2012, 16, .	2.5	2
200	Epidemiology and outcome of sepsis syndromes in Italian ICUs: a regional multicenter observational cohort. <i>Critical Care</i> , 2012, 16, .	2.5	2
201	Outcome of faecal peritonitis in the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	2
202	HIV patients in the ICU: our experience. <i>Critical Care</i> , 2012, 16, .	2.5	0
203	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> , 2012, 16, .	2.5	3
204	Predictive value of N-terminal pro-brain natriuretic peptide among critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
205	Low preoperative hepcidin concentration is a risk factor for mortality but not for acute kidney injury after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
206	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> , 2012, 16, .	2.5	0
207	Correlation between APACHE II score and quality of life among patients discharged from the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	1
208	Parameters that affect outcome in surgical ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
209	Relationship between illness severity scores in the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
210	Predicting hospital mortality: comparing accuracy of SAPS II and clinical staff prognosis. <i>Critical Care</i> , 2012, 16, .	2.5	0
211	Predictors of mortality in patients from a hematological ICU in Brazil. <i>Critical Care</i> , 2012, 16, .	2.5	0
212	Retrospective study of the outcomes of patients admitted to the ICU with a hematological malignancy. <i>Critical Care</i> , 2012, 16, .	2.5	0
213	Six-month survival of patients with lung cancer admitted to a medical ICU: a retrospective study. <i>Critical Care</i> , 2012, 16, .	2.5	0
214	Health-related quality of life and survival of cancer patients admitted to ICUs: Results of the QALY study. <i>Critical Care</i> , 2012, 16, .	2.5	1
215	Characteristics, resource consumption and outcome of cancer patients admitted to ICUs. <i>Critical Care</i> , 2012, 16, .	2.5	0
216	Managing critically ill oncological patients in hospital: a survey across all ICUs in the UK. <i>Critical Care</i> , 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
217	Role of illness severity scores in predicting mortality in the coronary care unit. Critical Care, 2012, 16, .	2.5	0
218	New severity score of acute respiratory failure. Critical Care, 2012, 16, .	2.5	0
219	Validity of six prognostic scoring systems for septic shock patients admitted to a medical ICU. Critical Care, 2012, 16, .	2.5	0
220	Risk factors of venous thrombosis in knee joint endoprosthesis. Critical Care, 2012, 16, .	2.5	0
221	Proximal and distal deep venous thrombosis in critically ill patients: incidence and prevalence. Critical Care, 2012, 16, .	2.5	1
222	Saddle embolism is associated with the major adverse events in patients with nonhigh-risk pulmonary embolism. Critical Care, 2012, 16, .	2.5	1
223	Efficacy and safety of enoxaparin as deep vein thrombosis prophylaxis in critically ill patients. Critical Care, 2012, 16, .	2.5	0
224	Reducing the level of postoperative thrombotic complications by the combination of low molecular weight heparin and epidural anesthesia at the patients after total hysterectomy. Critical Care, 2012, 16, .	2.5	0
225	Cost-effectiveness analysis of two thromboprophylactic strategies following major surgery. Critical Care, 2012, 16, .	2.5	0
226	Consequences of suspected heparin-induced thrombocytopenia in the ICU. Critical Care, 2012, 16, .	2.5	0
227	Evaluation of iron, transferrin and ferritin serum levels in patients with severe sepsis and septic shock. Critical Care, 2012, 16, .	2.5	3
228	Using angiogenic factors and their soluble receptors to predict organ dysfunction in patients with disseminated intravascular coagulation associated with severe trauma. Critical Care, 2012, 16, .	2.5	0
229	A simple blood-saving bundle reduces diagnostic blood loss in mechanically ventilated patients. Critical Care, 2012, 16, .	2.5	0
230	Comparative assessment of invasive and noninvasive Methods for detection of total hemoglobin in gynecological patients' blood. Critical Care, 2012, 16, .	2.5	4
231	Use of coagulation screening in the critical care unit. Critical Care, 2012, 16, .	2.5	1
232	Templating effect of clot structure can predict clot development and outcome in diluted blood: a comparison with thromboelastography. Critical Care, 2012, 16, .	2.5	5
233	Fractal analysis: a new biomarker for determining clot characteristics in critically ill patients. Critical Care, 2012, 16, .	2.5	1
234	Fractal dimension: a biomarker for detecting acute thromboembolic disease. Critical Care, 2012, 16, .	2.5	2

#	ARTICLE	IF	CITATIONS
235	Thromboelastography (platelet contribution to clot strength) for the assessment of platelet residual function. <i>Critical Care</i> , 2012, 16, .	2.5	0
236	Measurement of hemoglobin in the operating room: what Methods can we trust?. <i>Critical Care</i> , 2012, 16, .	2.5	0
237	Retrospective comparison study of warfarinised trauma patients and an age-matched control group of nonwarfarinised patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
238	In medical-surgical ICU patients, major bleeding is common but independent of heparin prophylaxis. <i>Critical Care</i> , 2012, 16, .	2.5	3
239	Reducing ICU blood draws with artificial intelligence. <i>Critical Care</i> , 2012, 16, .	2.5	2
240	Hemostasis system condition in infectious complication development in severe burned patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
241	Randomized comparison of fibrinogen concentrate versus cryoprecipitate for bleeding control in pediatric cardiac surgery (FICCS study). <i>Critical Care</i> , 2012, 16, .	2.5	6
242	Efficacy of tranexamic acid in decreasing blood loss during cesarean section. <i>Critical Care</i> , 2012, 16, .	2.5	2
243	Reduced EPO receptor expression may contribute to limited pleiotropic effects of EPO during critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	1
244	Recognition and management of haemophagocytic lymphohistiocytosis on the ICU: a case series. <i>Critical Care</i> , 2012, 16, .	2.5	0
245	Blood transfusion is an independent predicting factor for poor outcome after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
246	Red blood transfusion is a predictor of poor outcome in pediatric cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	1
247	No impact of a massive transfusion protocol on coagulopathy and mortality at a level 1 trauma center: why?. <i>Critical Care</i> , 2012, 16, .	2.5	0
248	Massive transfusion practice. <i>Critical Care</i> , 2012, 16, .	2.5	0
249	Red blood cell transfusion improves microdialysis-assessed interstitial lactate/pyruvate ratio in critically ill septic patients. <i>Critical Care</i> , 2012, 16, .	2.5	1
250	Blood transfusion after cardiac surgery increases the hospital length of stay in adult patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
251	Transfusion of blood stored for longer periods of time does not alter the reactive hyperemia index in healthy volunteers. <i>Critical Care</i> , 2012, 16, .	2.5	1
252	Liberal use of platelet transfusions in the acute phase of trauma resuscitation: a systematic review. <i>Critical Care</i> , 2012, 16, .	2.5	0

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253	Impact on early trauma mortality of the adoption of the Updated European Guidelines on the management of bleeding. Critical Care, 2012, 16, .	2.5	0
254	Hemodynamics in the severely injured patient with significant hemorrhage. Critical Care, 2012, 16, .	2.5	0
255	Critical older trauma patients. Critical Care, 2012, 16, .	2.5	0
256	Outcomes in older blunt chest wall trauma patients: a retrospective study. Critical Care, 2012, 16, .	2.5	3
257	Mortality trend alteration of thoracic injury after rapid response trauma team establishment. Critical Care, 2012, 16, .	2.5	0
258	Trauma patients and cervical spine protection in critical care: the impact of a spinal checklist on clinical care and documentation. Critical Care, 2012, 16, .	2.5	0
259	Effect of instrumented spinal fixation on outcome in polytrauma patients in the ICU. Critical Care, 2012, 16, .	2.5	0
260	Whole body computed tomography scanning for severe blunt polytrauma: analysis of Trauma Audit and Research Network database 2005 to 2010. Critical Care, 2012, 16, .	2.5	1
261	Post-traumatic rhabdomyolysis: an observational study in seven patients. Critical Care, 2012, 16, .	2.5	0
262	Exertional rhabdomyolysis in female amateur triathletes. Critical Care, 2012, 16, .	2.5	1
263	Controlled mechanical ventilation tactics in patients with polytrauma during interhospital transportation to the specialized center. Critical Care, 2012, 16, .	2.5	11
264	Impact of fluid resuscitation volume on the severity of organ failures in severely burned patients. Critical Care, 2012, 16, .	2.5	0
265	Organ dysfunction in the resuscitation phase of critical burn patients. Critical Care, 2012, 16, .	2.5	0
266	Epidemiological study of critical burn patients in an ICU. Critical Care, 2012, 16, .	2.5	2
267	Fluid creep in burn resuscitation: the tide has not yet turned. Critical Care, 2012, 16, .	2.5	5
268	Early administration of parenteral estrogen suppresses the deleterious local and systemic inflammatory response in severe burns. Critical Care, 2012, 16, .	2.5	0
269	Reducing the indication of ventilatory support in the severely burnt patient and improving outcomes: Results of a new protocol approach within a regional burns centre. Critical Care, 2012, 16, .	2.5	0
270	Cardiopulmonary exercise testing and elective open abdominal aortic aneurysm surgery over a 6-year period in a UK teaching hospital. Critical Care, 2012, 16, .	2.5	1

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271	Perioperative evaluation of elective surgical patients: is it possible to plan ICU admission?. Critical Care, 2012, 16, .	2.5	0
272	Cardiac-specific biomarkers and life-threatening complications of off-pump versus on-pump coronary bypass surgery in Egyptian patients. Critical Care, 2012, 16, .	2.5	0
273	Aortic aneurysm disease versus aortic occlusive disease: differences in postoperative ICU requirements after open elective abdominal aortic surgery. Critical Care, 2012, 16, .	2.5	1
274	High postoperative blood levels of macrophage migration inhibitory factor are associated with less organ dysfunction in patients after cardiac surgery. Critical Care, 2012, 16, .	2.5	0
275	Predictors of prolonged mechanical ventilation after heart transplantation. Critical Care, 2012, 16, .	2.5	0
276	Atrial fibrillation following major noncardiac thoracic surgery: significance and impact on morbidity. Critical Care, 2012, 16, .	2.5	1
277	Oxygen delivery index during goal-directed therapy predicts complications and hospital length of stay in patients undergoing high-risk surgery. Critical Care, 2012, 16, .	2.5	0
278	Transfer delays in patients referred for neurosurgical intervention with traumatic brain injury. Critical Care, 2012, 16, .	2.5	1
279	Performances of ventilator at simulated altitude. Critical Care, 2012, 16, .	2.5	0
280	Impact of H1N1 influenza on critical care and dependent services in Wales during winter 2010/2011. Critical Care, 2012, 16, .	2.5	0
281	Effects of levels of clinical supervision during simulated ICU scenarios on resident learning and patient care: a qualitative study. Critical Care, 2012, 16, .	2.5	0
282	Virtual reality and live scenario simulation: options for training medical students in mass casualty incident triage. Critical Care, 2012, 16, .	2.5	3
283	Utilization of iPad in the system of emergency demand and acceptance. Critical Care, 2012, 16, .	2.5	0
284	Mass evacuation of victims from emergency areas by medical modules aboard the aircraft of EMERCOM of Russia. Critical Care, 2012, 16, .	2.5	0
285	Reliability and validity of an Italian four-level emergency triage system. Critical Care, 2012, 16, .	2.5	1
286	Coordination of emergency resources after Lorca's earthquakes. Critical Care, 2012, 16, .	2.5	0
287	Lightning injuries in a lightning city: a district hospital experience in Singapore. Critical Care, 2012, 16, .	2.5	0
288	Satisfaction survey among medical staff involved in relief operations following the Great East Japan Earthquake and Tsunami. Critical Care, 2012, 16, .	2.5	0

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289	Nuclear disaster and the medical problems during the earthquake in Japan, 2011. Critical Care, 2012, 16, .	2.5	0
290	Stressors in the ICU: different perceptions of patients, relatives and staff members. Critical Care, 2012, 16, .	2.5	0
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. Critical Care, 2012, 16, .	2.5	1
292	Family meetings and end-of-life decision-making in Thai critically ill patients. Critical Care, 2012, 16, .	2.5	0
293	Influence of burnout on attitudes of ICU doctors and nurses towards liberalization of visiting policies. Critical Care, 2012, 16, .	2.5	0
294	Prevalence, risk factors and impact of severe burnout syndrome in 12 Uruguayan ICUs. Critical Care, 2012, 16, .	2.5	0
295	Opening the ICU: views of ICU doctors and nurses before and after liberalization of visiting policies. Critical Care, 2012, 16, .	2.5	3
296	A family-based satisfaction survey on the ICU. Critical Care, 2012, 16, .	2.5	1
297	Immediate needs and level of anxiety of families with traumatic brain injury patients admitted to ICUs. Critical Care, 2012, 16, .	2.5	0
298	Families: the newest members of the ICU multidisciplinary team. Critical Care, 2012, 16, .	2.5	0
299	Family satisfaction in an interdisciplinary ICU: a quality audit. Critical Care, 2012, 16, .	2.5	0
300	Incidence of post-traumatic stress, anxiety and depression symptoms in patients and relatives during the ICU stay and after discharge. Critical Care, 2012, 16, .	2.5	3
301	Application of a new German law as a basis for end-of life decisions in a medical ICU. Critical Care, 2012, 16, .	2.5	0
302	Effect of a full moon on mortality of patients admitted to the ICU. Critical Care, 2012, 16, .	2.5	0
303	Potential association of gender with mortality and withdrawal of life-sustaining therapies in patients with severe TBI: a Canadian multicentre cohort study. Critical Care, 2012, 16, .	2.5	0
304	Making drug delivery in the ICU safer: the implementation of advanced computerised intravenous infusion pumps. Critical Care, 2012, 16, .	2.5	2
305	Growing a positive culture in an ICU antimicrobial stewardship program. Critical Care, 2012, 16, .	2.5	0
306	Injectable anthrax: the inflammatory response. Critical Care, 2012, 16, .	2.5	0

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307	Multicenter consensus development of a checklist for lung injury prevention. Critical Care, 2012, 16, .	2.5	2
308	Impact of the Paediatric Intensive Care Outreach Network service on mortality within intensive care. Critical Care, 2012, 16, .	2.5	0
309	In-hospital rapid response system: effects on outcome and workload. Critical Care, 2012, 16, .	2.5	1
310	Medical emergency team admittance to intensive care versus conventional admittance: characteristics and outcome. Critical Care, 2012, 16, .	2.5	0
311	Factors affecting critical care admission to a UK university hospital. Critical Care, 2012, 16, .	2.5	1
312	Intensive care services in Hungary 2000 to 2010: an analysis of bed numbers, occupancy rates, case mix and economics. Critical Care, 2012, 16, .	2.5	0
313	Data acquisition for the UK Critical Care Minimum Data Set: validation of a computer model for automatic calculation from an electronic patient record. Critical Care, 2012, 16, .	2.5	0
314	To admit or not to admit? The suitability of critical care admission criteria. Critical Care, 2012, 16, .	2.5	2
315	Out-of-hours discharge from the ICU: defining the out-of-hours period and its effect on mortality. Critical Care, 2012, 16, .	2.5	3
316	Delayed discharges revisited: impact of a liaison post on patients' transition from ICU to ward care. Critical Care, 2012, 16, .	2.5	0
317	Assessing demand for intensive care services: the role of readmission rates. Critical Care, 2012, 16, .	2.5	0
318	Management of cardiac drugs in a critical care setting. Critical Care, 2012, 16, .	2.5	0
319	Pharmacists and fastidiousness improve compliance with guidelines for stress ulcer prophylaxis. Critical Care, 2012, 16, .	2.5	0
320	Healthcare workers' experience when using an electronic medical order entry and bar-code technology in an ICU. Critical Care, 2012, 16, .	2.5	0
321	Safer ICU trainee handover: a service improvement project. Critical Care, 2012, 16, .	2.5	1
322	ICU handover: are we forgetting something? A preliminary study. Critical Care, 2012, 16, .	2.5	1
323	Quality and value of intensive care discharge summaries for general practitioners. Critical Care, 2012, 16, .	2.5	5
324	Volume-outcome relationship in critical care: a systematic review. Critical Care, 2012, 16, .	2.5	1

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325	Radiation doses in young ICU patients: a cause for concern?. Critical Care, 2012, 16, .	2.5	2
326	Accuracy of height and weight estimation by critical care staff. Critical Care, 2012, 16, .	2.5	0
327	Implementation of evidence-based care bundles in the ICU. Critical Care, 2012, 16, .	2.5	1
328	Awareness of difficult airway equipment on the ICU. Critical Care, 2012, 16, .	2.5	0
329	A new patient mobilization scoring system in the ICU: what is the degree of similarity in scores between assessors in daily use?. Critical Care, 2012, 16, .	2.5	0
330	Motor and respiratory intensive rehabilitation in bedridden patients. Critical Care, 2012, 16, .	2.5	1
331	Severity of electrophysiological alterations correlates with severity of illness in the early phase of critical illness polyneuropathy. Critical Care, 2012, 16, .	2.5	0
332	Muscle strength assessment of critically ill patients is associated with functional ability and quality of life at hospital discharge. Critical Care, 2012, 16, .	2.5	1
333	Functional dependency in the direct post-ICU phase in patients with prolonged mechanical ventilation. Critical Care, 2012, 16, .	2.5	0
334	IL-17A rs1974226 GG genotype is associated with increased susceptibility to Gram-positive infection and mortality of severe sepsis. Critical Care, 2012, 16, .	2.5	0
335	Prevalence of TLR4 single nucleotide polymorphisms (ASP299GLY, THR399ILE) in healthy subjects and septic patients, and association with outcome. Critical Care, 2012, 16, .	2.5	0
336	Modelling immune responses in sepsis. Critical Care, 2012, 16, .	2.5	0
337	Decreased peripheral CD4+/CD8+ lymphocytes and poor prognosis in aged sepsis. Critical Care, 2012, 16, .	2.5	0
338	Homeostatic pulmonary microenvironment is responsible for alveolar macrophages resistance to endotoxin tolerance. Critical Care, 2012, 16, .	2.5	0
339	In vivo natural killer and natural killer T-cell depletion affects mortality in a murine pneumococcal pneumonia sepsis model. Critical Care, 2012, 16, .	2.5	0
340	Mobilization of hematopoietic and nonhematopoietic stem cell subpopulations in sepsis: a preliminary report. Critical Care, 2012, 16, .	2.5	3
341	Blunted IL-17 responses early after advent of multiple injuries. Critical Care, 2012, 16, .	2.5	0
342	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. Critical Care, 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
343	Insufficient autophagy relates to mitochondrial dysfunction, organ failure and adverse outcome in an animal model of critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	1
344	Modulation of mediators derived from whole blood or monocytic cells stimulated with lipopolysaccharide reduces endothelial cell activation. <i>Critical Care</i> , 2012, 16, .	2.5	1
345	A/H1N1 infection: immunological parameters in ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
346	Time of course CD64, a leukocyte activation marker, during extracorporeal circulation. <i>Critical Care</i> , 2012, 16, .	2.5	0
347	Oral neutrophil quantitation in patients undergoing elective cardiopulmonary bypass. <i>Critical Care</i> , 2012, 16, .	2.5	0
348	C13-pyruvate administration revealed differential metabolism between heart, liver and red blood cells and improved heart function during endotoxemia. <i>Critical Care</i> , 2012, 16, .	2.5	1
349	AMP-activated protein kinase controls liposaccharide-induced hyperpermeability. <i>Critical Care</i> , 2012, 16, .	2.5	3
350	Reduced expression of PPAR- α limits the potential beneficial effects of GW0742 during septic shock in atherosclerotic swine. <i>Critical Care</i> , 2012, 16, .	2.5	0
351	Effects of hexafluoro-2-propanol on inflammatory and hemodynamic responses in a rat model of endotoxic shock. <i>Critical Care</i> , 2012, 16, .	2.5	0
352	Effects of noradrenaline and lipopolysaccharide exposure on mitochondrial respiration in alveolar macrophages. <i>Critical Care</i> , 2012, 16, .	2.5	1
353	Effects of the anti-diabetic imeglimin in hyperglycemic mice with septic shock. <i>Critical Care</i> , 2012, 16, .	2.5	1
354	Adrenomedullin blockade improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. <i>Critical Care</i> , 2012, 16, .	2.5	0
355	Activated protein C, severe sepsis and 28-day mortality. <i>Critical Care</i> , 2012, 16, .	2.5	0
356	Soluble usokinase plasminogen activator receptor as a useful biomarker to define advent of sepsis in patients with multiple injuries. <i>Critical Care</i> , 2012, 16, .	2.5	0
357	Role of serum biomarkers in the diagnosis of infection in patients undergoing extracorporeal membrane oxygenation. <i>Critical Care</i> , 2012, 16, .	2.5	1
358	Correlation of VAP diagnosis with parameters of critically ill patients in a general ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
359	Usefulness of daily monitoring of procalcitonin and C-reactive protein in the early diagnosis of infection after elective colonic surgery. <i>Critical Care</i> , 2012, 16, .	2.5	1
360	Procalcitonin as a predictive marker for PCR test and blood culture results in suspected invasive candidemia. <i>Critical Care</i> , 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
361	Would procalcitonin measurement aid antimicrobial stewardship in a UK district general hospital mixed adult critical care population?. Critical Care, 2012, 16, .	2.5	0
362	Procalcitonin has a poor prognosis value in critically ill patients with candidemia. Critical Care, 2012, 16, .	2.5	0
363	Assessment of the usefulness of presepsin (soluble CD14 subtype) in septic patients. Critical Care, 2012, 16, .	2.5	0
364	Circulating cell-free DNA levels measured by a novel simple fluorescent assay are predictive for outcome of severe sepsis. Critical Care, 2012, 16, .	2.5	0
365	Clinical usefulness of measuring endotoxin activity on ICU admission. Critical Care, 2012, 16, .	2.5	0
366	Prognostic value of serum galactomannan in mixed ICU patients: a retrospective observational study. Critical Care, 2012, 16, .	2.5	2
367	Analysis of (1 α) ³ β -D-glucan as a diagnostic adjunct for invasive fungal infections in the ICU setting. Critical Care, 2012, 16, .	2.5	0
368	Impaired heart rate variability predicts clinical deterioration and progressive organ failure in emergency department sepsis patients. Critical Care, 2012, 16, .	2.5	6
369	Severe community-acquired pneumonia: risk factors for in-hospital mortality. Critical Care, 2012, 16, .	2.5	2
370	Systemic corticosteroids for community-acquired pneumonia in adults. Critical Care, 2012, 16, .	2.5	1
371	Characteristics of leptospirosis patients admitted to a tropical university hospital during the 2000 to 2010 period. Critical Care, 2012, 16, .	2.5	1
372	Prognostic impact of imported and newly-isolated methicillin-resistant Staphylococcus aureus in the ICU. Critical Care, 2012, 16, .	2.5	0
373	Necrotizing pneumonia due to methicillin-sensitive Staphylococcus aureus secreting Panton-Valentine leukocidin: a review of case reports. Critical Care, 2012, 16, .	2.5	0
374	Predicting methicillin-resistant Staphylococcus aureus in critically ill patients with pneumonia presenting to the hospital. Critical Care, 2012, 16, .	2.5	0
375	Predictors of multidrug-resistant Acinetobacter baumannii infections: a retrospective analysis in surgical ICU patients. Critical Care, 2012, 16, .	2.5	0
376	Risk factors for bronchial acquisition of resistant Gram-negative bacteria in critically ill patients and outcome. Critical Care, 2012, 16, .	2.5	0
377	Improved antibiotic stewardship resulting from a multifaceted strategy implemented after an outbreak of multiresistant Acinetobacter baumannii in a university ICU. Critical Care, 2012, 16, .	2.5	0
378	Empirical antifungal treatment in the critically ill patients: how does it impact on the outcome?. Critical Care, 2012, 16, .	2.5	1

#	ARTICLE	IF	CITATIONS
379	Relationship between polyclonal immunoglobulin therapy and colonization by <i>Candida</i> spp.. Critical Care, 2012, 16, .	2.5	0
380	Predictive and prognostic factors of septic shock of nosocomial origin. Critical Care, 2012, 16, .	2.5	1
381	Catheter-related bloodstream infection: factors affecting incidence. Critical Care, 2012, 16, .	2.5	0
382	Prognostic factors of septic shock. Critical Care, 2012, 16, .	2.5	0
383	Severe sepsis in the United States: a 5-year analysis. Critical Care, 2012, 16, .	2.5	0
384	District hospital experience of organ support requirements for H1N1-associated pneumonia. Critical Care, 2012, 16, .	2.5	0
385	Compliance with the sepsis resuscitation bundle in patients with severe sepsis and septic shock admitted to Scottish ICUs. Critical Care, 2012, 16, .	2.5	0
386	Improving early administration of antibiotics: a 'Plan Do Study Act' approach. Critical Care, 2012, 16, .	2.5	0
387	Source-directed antimicrobials: a shot in the dark?. Critical Care, 2012, 16, .	2.5	0
388	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. Critical Care, 2012, 16, .	2.5	0
389	Temperature management for patients without brain injury in Australia and New Zealand ICUs: a point prevalence study. Critical Care, 2012, 16, .	2.5	1
390	Impact of antifungal treatment in ICU patients with <i>Candida</i> colonization: analysis of the EPIC II study population. Critical Care, 2012, 16, .	2.5	0
391	Pharmacokinetics of micafungin in patients with severe burn injuries. Critical Care, 2012, 16, .	2.5	0
392	Bacteremia affects the mortality of septic patients with high serum procalcitonin level in the ICU. Critical Care, 2012, 16, .	2.5	0
393	Cases of tetanus after the Japan crisis 2011. Critical Care, 2012, 16, .	2.5	1
394	Does the day of the week predict the presence of microbiologically confirmed ventilator-associated pneumonia?. Critical Care, 2012, 16, .	2.5	0
395	Assessing perforation of acute appendicitis using the delta neutrophil index reflecting the peripheral immature granulocyte count. Critical Care, 2012, 16, .	2.5	0
396	Effects of a multifaceted quality improvement intervention in reducing mortality and bloodstream infection in ICUs: insights from the QUALITI initiative. Critical Care, 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
397	Ceftazidime dosage regimen recommendations in burn patients based on a Monolix population pharmacokinetic study. <i>Critical Care</i> , 2012, 16, .	2.5	0
398	Continuous versus intermittent vancomycin in children after cardiac surgery with delayed sternal closure. <i>Critical Care</i> , 2012, 16, .	2.5	1
399	Elimination of linezolid in patients undergoing low-flow continuous venovenous haemodiafiltration. <i>Critical Care</i> , 2012, 16, .	2.5	1
400	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> , 2012, 16, .	2.5	2
401	Pharmacokinetics of inhaled colistin in critically ill patients with ventilator-associated tracheobronchitis. <i>Critical Care</i> , 2012, 16, .	2.5	0
402	Efficacy of inhaled tobramycin in severe nosocomial pneumonia. <i>Critical Care</i> , 2012, 16, .	2.5	1
403	Comparison of a bronchoscopic microsample probe with bronchoalveolar lavage to measure cytokine levels in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	1
404	Clinical and epidemiological risk factors for ventilator-associated pneumonia in a cohort of critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	1
405	Use of a ventilator-associated pneumonia (VAP) bundle to decrease the VAP rate in Syria. <i>Critical Care</i> , 2012, 16, .	2.5	0
406	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> , 2012, 16, .	2.5	1
407	Wash your hands: simple measures save lives. <i>Critical Care</i> , 2012, 16, .	2.5	0
408	Comparison of hand hygiene in single-room versus open-plan ICUs. <i>Critical Care</i> , 2012, 16, .	2.5	1
409	Compliance for decontamination of bedside computer keyboards on an ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
410	Reduced air contamination in an ICU environment with a portable air purification system. <i>Critical Care</i> , 2012, 16, .	2.5	0
411	Effectiveness of an innovative system for the bio-decontamination of the ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
412	Massive hemoptysis in a respiratory ICU: causes, interventions and outcomes - Indian study. <i>Critical Care</i> , 2012, 16, .	2.5	1
413	Capnography use in Scottish ICUs. <i>Critical Care</i> , 2012, 16, .	2.5	0
414	Digitalized acoustic monitoring of lung congestion. <i>Critical Care</i> , 2012, 16, .	2.5	0

#	ARTICLE	IF	CITATIONS
415	Usefulness of electrical activity of the diaphragm to detect intrinsic positive end-expiratory pressure during pressure support ventilation. <i>Critical Care</i> , 2012, 16, .	2.5	0
416	Adequate lung sliding identification is not influenced by the level of academic or ultrasound training. <i>Critical Care</i> , 2012, 16, .	2.5	0
417	Lung ultrasound can differentiate <i>Pneumocystis jiroveci</i> versus other etiologies among critically ill AIDS patients with pneumonia. <i>Critical Care</i> , 2012, 16, .	2.5	5
418	Difference in accuracy of lung sliding identification between the right and left hemithorax. <i>Critical Care</i> , 2012, 16, .	2.5	0
419	Trans-thoracic echo evaluation before and during noninvasive ventilation. <i>Critical Care</i> , 2012, 16, .	2.5	1
420	Listen to PaO ₂ /FIO ₂ ratios: they tell us about length of stay. <i>Critical Care</i> , 2012, 16, .	2.5	0
421	Worst Oxygenation Index during the first 24 hours of ventilation predicts mortality. <i>Critical Care</i> , 2012, 16, .	2.5	0
422	The Oxygenation Index compared with the P/F ratio in ALI/ARDS. <i>Critical Care</i> , 2012, 16, .	2.5	3
423	Do actual tidal volumes differ from prescribed tidal volumes?. <i>Critical Care</i> , 2012, 16, .	2.5	0
424	Intratracheal administration of siRNA targeting FAS reduces ischemia-reperfusion-induced lung injury. <i>Critical Care</i> , 2012, 16, .	2.5	0
425	Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of TNF α receptor I. <i>Critical Care</i> , 2012, 16, .	2.5	0
426	Retrieval of patients with severe respiratory failure on venovenous extracorporeal membrane oxygenation: an intensivist-led model. <i>Critical Care</i> , 2012, 16, .	2.5	0
427	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> , 2012, 16, .	2.5	0
428	ECMO in nonintubated patients as a bridge to lung transplant: our experience. <i>Critical Care</i> , 2012, 16, .	2.5	2
429	Extracorporeal life support in major trauma: case series from a tertiary referral trauma. <i>Critical Care</i> , 2012, 16, .	2.5	0
430	Two years' experience with bicaval dual lumen cannula for venovenous extracorporeal membrane oxygenation in adult refractory acute respiratory distress syndrome. <i>Critical Care</i> , 2012, 16, .	2.5	1
431	Resolution of organ functional scores to predict outcomes in severe acute respiratory distress syndrome patients receiving extracorporeal membrane oxygenation. <i>Critical Care</i> , 2012, 16, .	2.5	1
432	Corticosteroids for critically ill patients: an international survey of intensivists. <i>Critical Care</i> , 2012, 16, .	2.5	0

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433	Effects of salbutamol on airway characteristics in mechanically ventilated adults without COPD. Critical Care, 2012, 16, .	2.5	1
434	Respiratory system elastance monitoring during PEEP titration. Critical Care, 2012, 16, .	2.5	4
435	Accuracy of the pressure-volume curve method compared to quantitative lung CT scan to assess the recruitable lung in patients with acute respiratory failure. Critical Care, 2012, 16, .	2.5	1
436	Flow-controlled expiration discloses PEEP-dependent dynamic hysteresis of the pressure-volume loop. Critical Care, 2012, 16, .	2.5	0
437	Feasibility of early spontaneous breathing in acute respiratory distress syndrome. Critical Care, 2012, 16, .	2.5	0
438	A device for ventilation-analogue mechanostimulation in vitro. Critical Care, 2012, 16, .	2.5	0
439	Hemodynamics effects of recruitment maneuver. Critical Care, 2012, 16, .	2.5	2
440	Differential pulmonary and circulatory effects of preventive lung protective ventilation in an experimental postoperative sepsis model. Critical Care, 2012, 16, .	2.5	0
441	High NT-proBNP level is correlated with high PEEP, low PH and low PaO ₂ /FiO ₂ in ARDS. Critical Care, 2012, 16, .	2.5	0
442	Early application of high-frequency oscillatory ventilation in H1N1 influenza-related severe ARDS is associated with better outcome. Critical Care, 2012, 16, .	2.5	0
443	Outcomes of early delivery in pregnant patients with acute respiratory distress syndrome. Critical Care, 2012, 16, .	2.5	4
444	Mechanical ventilation demographics between 1999 and 2009. Critical Care, 2012, 16, .	2.5	0
445	Mechanical ventilation in intensive and critical care units of Russia: RuVent national epidemiologic study. Critical Care, 2012, 16, .	2.5	3
446	Use of a fully closed-loop ventilation mode in long-term ventilated ICU patients: a prospective study. Critical Care, 2012, 16, .	2.5	0
447	Effects of low and high tidal volume and pentoxifylline on intestinal blood flow and leukocyte-endothelial interactions in mechanically ventilated rats. Critical Care, 2012, 16, .	2.5	0
448	A method for continuous noninvasive assessment of respiratory mechanics during spontaneous breathing. Critical Care, 2012, 16, .	2.5	0
449	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. Critical Care, 2012, 16, .	2.5	0
450	Risk factors of mortality in severe cutaneous adverse reactions patients with pulmonary involvement. Critical Care, 2012, 16, .	2.5	0

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451	During spontaneous breathing cardiac output lacks major effect on pulmonary shunting in porcine lungs with partial collapse. <i>Critical Care</i> , 2012, 16, .	2.5	0
452	Oxygenation correlates with lung aeration during unsupported spontaneous breathing in porcine lung collapse model. <i>Critical Care</i> , 2012, 16, .	2.5	0
453	Safety and effect of intermittent intrapulmonary percussive ventilation on oxygen saturation and hemodynamic functions. <i>Critical Care</i> , 2012, 16, .	2.5	0
454	Impact of an open lung approach on hemodynamic parameters after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
455	A protective-ventilation strategy reduces pulmonary complications after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	1
456	A rule for predicting the new equilibrated carbon dioxide partial pressure after changes in the ventilation frequency. <i>Critical Care</i> , 2012, 16, .	2.5	0
457	Patient-ventilator asynchrony during conventional or automated pressure support ventilation in difficult-to-wean patients. <i>Critical Care</i> , 2012, 16, .	2.5	2
458	High levels of B-type natriuretic peptide predict weaning failure from mechanical ventilation in adult patients after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
459	Case-control study of failed extubation. <i>Critical Care</i> , 2012, 16, .	2.5	3
460	Out-of-bed extubation: changing paradigms. <i>Critical Care</i> , 2012, 16, .	2.5	1
461	Prediction of post-extubation failure by portable ICU ultrasound. <i>Critical Care</i> , 2012, 16, .	2.5	0
462	Intermittent aspiration of pharyngeal secretion for re-intubation prevention. <i>Critical Care</i> , 2012, 16, .	2.5	0
463	Efficacy of biphasic cuirass ventilation in the critical care department. <i>Critical Care</i> , 2012, 16, .	2.5	1
464	Differences in neurophysiologic effects between CPAP and a novel high-flow therapy system. <i>Critical Care</i> , 2012, 16, .	2.5	0
465	Management of acute bronchospasm respiratory distress with CPAP ventilation associated with nebulization in the prehospital emergency setting. <i>Critical Care</i> , 2012, 16, .	2.5	0
466	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> , 2012, 16, .	2.5	0
467	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> , 2012, 16, .	2.5	5
468	Short-term effect of humidified high nasal flow oxygen in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	0

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469	Good response on high nasal oxygen flow reduces the need for intubation in adult respiratory failure. <i>Critical Care</i> , 2012, 16, .	2.5	1
470	An audit of airway complications in a district general hospital ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
471	Multidisciplinary care for patients with tracheostomy shortened time to decannulation. <i>Critical Care</i> , 2012, 16, .	2.5	0
472	Influence of percutaneous tracheostomy on gas exchange in mechanically ventilated patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
473	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> , 2012, 16, .	2.5	0
474	Risk factors for poor outcome in patients with osmotic demyelination syndrome. <i>Critical Care</i> , 2012, 16, .	2.5	3
475	Is inappropriate secretion of anti-diuretic hormone (SIADH) the cause of hyponatremia in <i>Legionella pneumoniae</i> ?. <i>Critical Care</i> , 2012, 16, .	2.5	0
476	Fluctuations in serum sodium level are associated with an increased risk of death in surgical ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
477	Impact of ketogenesis and strong ion difference on acid-base in our CICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
478	Buffer therapy in metabolic acidosis after surgery-associated hemorrhage in pediatric oncology. <i>Critical Care</i> , 2012, 16, .	2.5	0
479	An unusual cause of high anion gap metabolic acidosis: pyroglutamic acidosis. <i>Critical Care</i> , 2012, 16, .	2.5	1
480	Metabolic acid-base disturbances in patients in the emergency department. <i>Critical Care</i> , 2012, 16, .	2.5	0
481	Aberrant bone metabolism in critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	0
482	Low serum 25-hydroxyvitamin D levels and acute kidney injury in the critically ill. <i>Critical Care</i> , 2012, 16, .	2.5	2
483	Concentration of major vitamins in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
484	No association between vitamin D deficiency at admission and outcome in a medical ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
485	Plasma levels of Coenzyme Q10 are reduced in critically ill patients as compared to healthy volunteers and correlate with age. <i>Critical Care</i> , 2012, 16, .	2.5	3
486	Reduced cortisol metabolism drives hypercortisolism in critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	0

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487	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> , 2012, 16, .	2.5	0
488	Hydrocortisone increases the risk of dysglycemia in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
489	Nutritional status of patients occupying ICUs in the state of Rio de Janeiro. <i>Critical Care</i> , 2012, 16, .	2.5	0
490	Investigating diarrhoea on the ICU: a retrospective study. <i>Critical Care</i> , 2012, 16, .	2.5	0
491	Preliminary report of surface electrogastrography in critically ill septic patients after resuscitation. <i>Critical Care</i> , 2012, 16, .	2.5	0
492	Frequency, determinants and impact of feed intolerance amongst the critically ill. <i>Critical Care</i> , 2012, 16, .	2.5	1
493	Gastric emptying assessment in critically ill patients with feed intolerance; comparison of 13C octanoic acid, paracetamol and 3-O-methylglucose absorption tests. <i>Critical Care</i> , 2012, 16, .	2.5	1
494	Early enteral nutrition in the critically ill: a single-centre study. <i>Critical Care</i> , 2012, 16, .	2.5	0
495	Preliminary experience with ketone-targeted treatment of diabetic ketoacidosis. <i>Critical Care</i> , 2012, 16, .	2.5	0
496	Impact of blood glucose on blood lactate levels in a medical ICU: a retrospective cohort study. <i>Critical Care</i> , 2012, 16, .	2.5	8
497	Relationship between glycemic Lability Index, infections and outcome in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	2
498	Variability of insulin sensitivity during the first 4 days of critical illness. <i>Critical Care</i> , 2012, 16, .	2.5	5
499	Endogenous insulin secretion in critically ill patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
500	Impact of the type of glucose monitoring on the assessment of glycemic variability in critical care patients. <i>Critical Care</i> , 2012, 16, .	2.5	2
501	Evaluation of a continuous blood glucose monitoring system using a central venous catheter with an integrated microdialysis function. <i>Critical Care</i> , 2012, 16, .	2.5	0
502	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> , 2012, 16, .	2.5	0
503	Pilot trial of STAR in the medical ICU. <i>Critical Care</i> , 2012, 16, .	2.5	0
504	Glucometer accuracy and implications for clinical studies. <i>Critical Care</i> , 2012, 16, .	2.5	1

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505	Initial experience with continuous intra-arterial fluorescent glucose monitoring in patients in the ICU following cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	0
506	Preliminary ICU experience of a novel intravascular blood glucose sensor. <i>Critical Care</i> , 2012, 16, .	2.5	3
507	Does tight glycemic control positively impact on patient mortality?. <i>Critical Care</i> , 2012, 16, .	2.5	0
508	Glycaemic control in ICUs in large English hospitals: a follow-up telephone survey. <i>Critical Care</i> , 2012, 16, .	2.5	0
509	Model-based regulation of glucose in critical care. <i>Critical Care</i> , 2012, 16, .	2.5	0
510	Perioperative glycemic control with a computerized algorithm versus conventional glycemic control. <i>Critical Care</i> , 2012, 16, .	2.5	2
511	Efficacy of the novel heart attack centre extension pathway: a pilot study. <i>Critical Care</i> , 2012, 16, .	2.5	0
512	Integral assistance process implantation for ST-elevated acute coronary syndrome. <i>Critical Care</i> , 2012, 16, .	2.5	0
513	Prognostic value of Killip classification in terms of health-related quality of life. <i>Critical Care</i> , 2012, 16, .	2.5	0
514	Modes of arrival, door to balloon time and its impact on morbidity and mortality for ST elevation myocardial infarct. <i>Critical Care</i> , 2012, 16, .	2.5	4
515	Next-generation, fast and accurate point-of-care test for NT-proBNP based on Magnotech technology. <i>Critical Care</i> , 2012, 16, .	2.5	0
516	Right ventricular apical versus septal pacing: impact on left ventricular synchrony and function. <i>Critical Care</i> , 2012, 16, .	2.5	2
517	Consecutive case series of Takotsubo cardiomyopathy: a disease potentially triggered by the Great East Japan Earthquake. <i>Critical Care</i> , 2012, 16, .	2.5	0
518	Stress cardiomyopathy after live donor liver transplantation: incidence, risk factors and mortality. <i>Critical Care</i> , 2012, 16, .	2.5	0
519	Short-term hemodynamic effects of nebivolol in acute decompensated heart failure: a randomized clinical trial. <i>Critical Care</i> , 2012, 16, .	2.5	0
520	Patients with infective endocarditis patients in the ICU: how are they?. <i>Critical Care</i> , 2012, 16, .	2.5	0
521	Malperfusion and branch compromise in acute type A aortic syndrome. <i>Critical Care</i> , 2012, 16, .	2.5	0
522	Prognostic value of the echocardiographic-derived calcium index in coronary artery disease. <i>Critical Care</i> , 2012, 16, .	2.5	0

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523	Echocardiography in the ICU: an audit of 3 years practice. Critical Care, 2012, 16, .	2.5	1
524	Left ventriculum diastolic dysfunction in pediatric septic shock. Critical Care, 2012, 16, .	2.5	0
525	Existence of interference between the heart and respiratory sounds: preliminary report. Critical Care, 2012, 16, .	2.5	0
526	Effects of the intravenous administration of purine nucleosides guanosine or inosine against hemorrhagic shock in pigs. Critical Care, 2012, 16, .	2.5	0
527	Norepinephrine versus angiotensin II in septic shock: effects on isolated kidney, heart and liver mitochondrial respiration. Critical Care, 2012, 16, .	2.5	0
528	Goal-directed hemodynamic resuscitation in high-risk patients undergoing cardiac surgery: a randomized controlled trial - preliminary data (GRICCS STUDY). Critical Care, 2012, 16, .	2.5	1
529	Economic evaluation of early-goal directed therapy for high-risk surgical patients. Critical Care, 2012, 16, .	2.5	0
530	What matters during a hypotensive episode: fluids, vasopressors, or both?. Critical Care, 2012, 16, .	2.5	0
531	Elevated central venous pressure in septic patients is associated with impairment of microcirculatory blood flow. Critical Care, 2012, 16, .	2.5	0
532	Human protein C concentrate to restore physiological values in adult septic shock patients: effects on microcirculation. Critical Care, 2012, 16, .	2.5	2
533	Heart rate reduction with esmolol in septic shock: effects on microcirculation. Critical Care, 2012, 16, .	2.5	1
534	Microcirculation and blood transfusion: effects of three different types of concentrated red blood cells - preliminary results. Critical Care, 2012, 16, .	2.5	2
535	Peripheral perfusion is correlated to metabolic perfusion parameters and microvascular reactivity but not with hepatosplanchnic or microcirculatory flow parameters in hyperdynamic septic shock. Critical Care, 2012, 16, .	2.5	0
536	Hyperoxia affects peripheral tissue microcirculation in patients with pulmonary arterial hypertension. Critical Care, 2012, 16, .	2.5	2
537	Supraclavicular ultrasound-guided subclavian vein cannulation in infants under 5 kg. Critical Care, 2012, 16, .	2.5	0
538	Central venous catheter placement: where is the end of the line?. Critical Care, 2012, 16, .	2.5	0
539	Power-injectable peripherally inserted central catheters in intensive care patients. Critical Care, 2012, 16, .	2.5	1
540	Comparison of internal jugular and subclavian access for central venous catheterization in pediatric cardiac surgery. Critical Care, 2012, 16, .	2.5	2

#	ARTICLE	IF	CITATIONS
541	Ultrasound-guided central venous line placement in critically ill patients: is chest X-ray needed to assess post-insertion pneumothorax?. <i>Critical Care</i> , 2012, 16, .	2.5	0
542	Errors in the arterial blood pressure measurement. <i>Critical Care</i> , 2012, 16, .	2.5	1
543	The T-Line TL-200 system for continuous noninvasive blood pressure measurement in medical ICU patients. <i>Critical Care</i> , 2012, 16, .	2.5	0
544	Reliability of radial arterial pressure monitoring after cardiac surgery. <i>Critical Care</i> , 2012, 16, .	2.5	1
545	Right/left ventricular area ratio does not correlate with right ventricular impedance. <i>Critical Care</i> , 2012, 16, .	2.5	1
546	Role of mannose-binding lectin on pneumococcal infections. <i>Critical Care</i> , 2012, 16, .	2.5	0
548	Long-term intermittent hyperoxic exposures do not enhance erythropoiesis. <i>European Journal of Clinical Investigation</i> , 2012, 42, 260-265.	1.7	6
549	Acute short-term hyperoxia followed by mild hypoxia does not increase EPO production: resolving the "normobaric oxygen paradox". <i>European Journal of Applied Physiology</i> , 2012, 112, 1059-1065.	1.2	13
550	Serum leptin levels decrease after permanent MCAo in the rat and remain unaffected by delayed hyperbaric oxygen therapy. <i>Medical Gas Research</i> , 2013, 3, 8.	1.2	5
551	Can the normobaric oxygen paradox (NOP) increase reticulocyte count after traumatic hip surgery?. <i>Journal of Clinical Anesthesia</i> , 2013, 25, 129-134.	0.7	12
552	Hyperbaric oxygenation reduces long-term brain injury and ameliorates behavioral function by suppression of apoptosis in a rat model of neonatal hypoxia-ischemia. <i>Neurochemistry International</i> , 2013, 62, 922-930.	1.9	35
553	Dark chocolate reduces endothelial dysfunction after successive breath-hold dives in cool water. <i>European Journal of Applied Physiology</i> , 2013, 113, 2967-2975.	1.2	15
554	EPO Modulation in a 14-Days Undersea Scuba Dive. <i>International Journal of Sports Medicine</i> , 2013, 34, 856-860.	0.8	9
555	Cyclic Hypobaric Hypoxia Improves Markers of Glucose Metabolism in Middle-Aged Men. <i>High Altitude Medicine and Biology</i> , 2013, 14, 263-272.	0.5	9
556	Hyperbaric oxygen preconditioning protects rats against CNS oxygen toxicity. <i>Respiratory Physiology and Neurobiology</i> , 2014, 197, 29-35.	0.7	12
558	The Limpet controlled drug cabinet alarm and camera. <i>Critical Care</i> , 2014, 18, .	2.5	1
559	Role of pharmacist in multidisciplinary pediatric intensive care rounds: a retrospective descriptive study. <i>Critical Care</i> , 2014, 18, .	2.5	2
560	Improvement in the identification and management of inadvertent hypothermia in the critically ill: an audit cycle. <i>Critical Care</i> , 2014, 18, .	2.5	0

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561	Compliance of a ventilator-associated pneumonia care bundle in an adult intensive care setting. Critical Care, 2014, 18, .	2.5	3
562	Referrals to a critical care unit: compliance with the NCEPOD recommendations. Critical Care, 2014, 18, .	2.5	0
563	Organisational changes in service provision outside critical care impact on referral patterns. Critical Care, 2014, 18, .	2.5	0
564	Demands on a continuing education online-study program for physicians. Critical Care, 2014, 18, .	2.5	0
565	Do generic measures fully capture health-related quality of life in adult, general critical care survivors?. Critical Care, 2014, 18, .	2.5	0
566	Surgical HDU admissions: utilisation, organ support and finance. Critical Care, 2014, 18, .	2.5	0
567	Convalescence via critical care collaboration. Critical Care, 2014, 18, .	2.5	0
568	Can dynamic light improve melatonin production and quality of sleep?. Critical Care, 2014, 18, .	2.5	2
569	Targeting blood tests in the ICU may lead to a significant cost reduction. Critical Care, 2014, 18, .	2.5	4
570	Results of the Telemedicine Program for implementation of the Surviving Sepsis Campaign Protocol in a community Brazilian hospital. Critical Care, 2014, 18, .	2.5	0
571	ICU nursing connectivity and the quality of care in an academic medical center: a network analysis. Critical Care, 2014, 18, .	2.5	0
572	Compassion fatigue and burnout among healthcare professionals in the ICU. Critical Care, 2014, 18, .	2.5	6
573	Effect of divergences about patient's care plan on the outcome of critically ill patients. Critical Care, 2014, 18, .	2.5	0
574	Prevalence, risk factors and consequences of intra-team conflicts in the ICU. Critical Care, 2014, 18, .	2.5	0
575	Do we spend less on older critically ill patients? Relationship among intensity of care, severity of illness and mortality. Critical Care, 2014, 18, .	2.5	0
576	New policy for ICU visits: prospective study. Critical Care, 2014, 18, .	2.5	1
577	Dealing with cultural diversity during the process of communication and decision-making in the ICU: a literature review. Critical Care, 2014, 18, .	2.5	1
578	Symptoms of anxiety, depression and post-traumatic stress in pairs of patients and their family members during and following ICU stay: who suffers most?. Critical Care, 2014, 18, .	2.5	2

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579	Heart-focused anxiety in critically ill patients' relatives. Critical Care, 2014, 18, .	2.5	0
580	Family satisfaction in the ICU: a 6-month experience. Critical Care, 2014, 18, .	2.5	0
581	Qualitative analysis of a family satisfaction in an adult ICU. Critical Care, 2014, 18, .	2.5	1
582	Outcomes of ventilated surgical and medical ICU patients: do patients die from ARDS or with ARDS?. Critical Care, 2014, 18, .	2.5	1
583	Advance care planning in critically ill haematology patients. Critical Care, 2014, 18, .	2.5	0
584	A new questionnaire to determine the effect of team interaction in the ICU on perceived futility and intention to quit: results of a pilot study in two German hospitals. Critical Care, 2014, 18, .	2.5	0
585	ASA helps prediction of the death rate in surgical ICU patients. Critical Care, 2014, 18, .	2.5	0
586	Till death do us part: amyotrophic lateral sclerosis in the ICU. Critical Care, 2014, 18, .	2.5	1
587	Death rate of patients admitted to a Brazilian ICU on weekends and holidays. Critical Care, 2014, 18, .	2.5	2
588	How many ways are there to die? Identification of ICU death typologies using cluster analysis. Critical Care, 2014, 18, .	2.5	0
589	Independent risk factors associated with the decision to withhold therapeutic intervention in patients admitted to the emergency room. Critical Care, 2014, 18, .	2.5	0
590	Autopsy-detected diagnostic errors in critically ill patients with cirrhosis. Critical Care, 2014, 18, .	2.5	0
591	Profile, outcomes, and predictors of mortality of abdomino-pelvic trauma patients in a tertiary ICU in Saudi Arabia. Critical Care, 2014, 18, .	2.5	0
592	Radiation exposure in trauma patients is affected by age. Critical Care, 2014, 18, .	2.5	0
593	Survival rate and predictors of outcome in intubated patients with haematological malignancies in a Greek ICU. Critical Care, 2014, 18, .	2.5	0
594	Predictors of outcome in patients with haematological malignancies admitted to critical care. Critical Care, 2014, 18, .	2.5	0
595	Early risk stratification in patients with oncological and hematological malignancies in the emergency department. Critical Care, 2014, 18, .	2.5	0
596	Calculated radiation exposure for trauma patients is lower when using the New Injury Severity Score versus the Injury Severity Score to calculate injury severity. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
597	Early warning scores: breaking or building barriers to critical care. <i>Critical Care</i> , 2014, 18, .	2.5	0
598	Impact of obesity on outcomes in patients with sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
599	Obesity is not associated with poor outcomes in older patients with sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
600	Long-term outcome in COPD patients with pneumonic and nonpneumonic exacerbation: a 6-year prospective follow-up study. <i>Critical Care</i> , 2014, 18, .	2.5	0
601	Frailty predicts need for medical review but not degree of organ support after complex orthopaedic surgery. <i>Critical Care</i> , 2014, 18, .	2.5	1
602	Frailty measures in the critically ill: are we approaching a critical age? A systematic review. <i>Critical Care</i> , 2014, 18, .	2.5	1
603	Prediction of 1-year mortality of patients treated for more than 72 hours in an ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1
604	Long-term physical functioning and health-related outcomes in survivors of intensive care. <i>Critical Care</i> , 2014, 18, .	2.5	0
605	Patients with prolonged stay on ICUs and the risk of mortality within 1-year of cardiac surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
606	Six-month outcomes in lung cancer patients surviving ICU admission: results from a multinational multicenter study. <i>Critical Care</i> , 2014, 18, .	2.5	0
607	Survival and quality of life in patients acquiring acute kidney injury in the first 24 hours of ICU admission. <i>Critical Care</i> , 2014, 18, .	2.5	0
608	Increasing age of patients admitted to intensive care, and association between increased age and greater risk of post-ICU death. <i>Critical Care</i> , 2014, 18, .	2.5	3
609	Outcomes of military patients treated at the UK Royal Centre for Defence Medicine 2007 to 2013. <i>Critical Care</i> , 2014, 18, .	2.5	0
610	Very old patients with cancer admitted to the ICU: outcome and predictive factors of mortality. <i>Critical Care</i> , 2014, 18, .	2.5	0
611	A retrospective review of mortality and complications following oesophagectomy in a large UK teaching hospital. <i>Critical Care</i> , 2014, 18, .	2.5	1
612	SwissScoring: a nationwide survey about SAPS II assessing accuracy. <i>Critical Care</i> , 2014, 18, .	2.5	0
613	Abandoning the National Early Warning Score in our district general hospital. <i>Critical Care</i> , 2014, 18, .	2.5	0
614	Endpoint resuscitation-based prediction model for early mortality of severe sepsis and septic shock. <i>Critical Care</i> , 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
615	Is the Golden hour important? Looking at disability and health-related quality of life in a Portuguese trauma registry. <i>Critical Care</i> , 2014, 18, .	2.5	0
616	Predicting outcomes after blunt chest wall trauma: development and external validation of a new prognostic model. <i>Critical Care</i> , 2014, 18, .	2.5	2
617	Transplantation of bone marrow-derived mononuclear cells can improve the survival rate and suppress the inflammatory response in a rat crush injury model. <i>Critical Care</i> , 2014, 18, .	2.5	0
618	Impact of a dedicated trauma desk in ambulance control on the identification of major trauma in Scotland. <i>Critical Care</i> , 2014, 18, .	2.5	0
619	The Manchester Triage System in optimizing triage in adult general medical emergency patients: the Triage Project. <i>Critical Care</i> , 2014, 18, .	2.5	1
620	Introduction of the Kaifu telemedicine system for emergency medicine to ambulance services with improvement of the survival rates. <i>Critical Care</i> , 2014, 18, .	2.5	0
621	Training to achieve coordination of rescue and ambulance and medical teams. <i>Critical Care</i> , 2014, 18, .	2.5	0
622	Complementary cooperation of an ambulance helicopter and car with medical doctors: meaning of simultaneous dispatch. <i>Critical Care</i> , 2014, 18, .	2.5	0
623	Evaluation and prevention of violence in the emergency department in Lebanon. <i>Critical Care</i> , 2014, 18, .	2.5	0
624	Epidemiology and critical care management of patients admitted after intentional self-poisoning. <i>Critical Care</i> , 2014, 18, .	2.5	0
625	Price per unit: the cost of alcohol-related admissions to a regional ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
626	Clinical research of patients with multiple organ dysfunction syndrome induced by severe heat stroke: nine case reports and literature review. <i>Critical Care</i> , 2014, 18, .	2.5	0
627	Effect of low-dose hydrocortisone on gene expression profiles after severe burn injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
628	Low socioeconomic status, ethnicity and geographical location confers high risk of significant accidental burns injuries in London. <i>Critical Care</i> , 2014, 18, .	2.5	3
629	Effectiveness of noncontrast abdominal multidetector CT for evaluating the patient with renal insufficiency in the emergency department. <i>Critical Care</i> , 2014, 18, .	2.5	0
630	Antipyretics in the emergency department - intravenous paracetamol versus intramuscular diclofenac: a comparative study. <i>Critical Care</i> , 2014, 18, .	2.5	0
631	Survey of severe sepsis and septic shock management in Thailand: THAI-SHOCK SURVEY 2013. <i>Critical Care</i> , 2014, 18, .	2.5	1
632	Laboratory early warning score versus clinical early warning score as a predictor of imminent cardiac arrest. <i>Critical Care</i> , 2014, 18, .	2.5	4

#	ARTICLE	IF	CITATIONS
633	Hospital mortality predictive factors following Rapid Response Team activation. Critical Care, 2014, 18, .	2.5	1
634	Long-term outcome of the Emergency Response Team system in in-hospital cardiac arrest. Critical Care, 2014, 18, .	2.5	0
635	Epidemiology of unplanned intensive care admissions through in-hospital referrals at a tertiary referral centre university hospital. Critical Care, 2014, 18, .	2.5	0
636	Use of low-dose CT KUB: is it becoming the easy way out?. Critical Care, 2014, 18, .	2.5	0
637	Bled dry? An audit of blood sampling practices on an adult intensive therapy unit. Critical Care, 2014, 18, .	2.5	0
638	Decreasing central-line blood draws by consolidation of phlebotomy timing: results of a quality improvement project. Critical Care, 2014, 18, .	2.5	0
639	Introducing an arterial non-injectable connector into clinical practice. Critical Care, 2014, 18, .	2.5	0
640	Novel hemostatic technique using a silicone gel dressing for tangential excision in burn surgery. Critical Care, 2014, 18, .	2.5	0
641	Should we avoid invasive treatment in cancer patients with pericardial tamponade?. Critical Care, 2014, 18, .	2.5	0
642	Goal-directed hemostatic therapy using rotational thromboelastometry in patients requiring emergent cardiovascular surgery. Critical Care, 2014, 18, .	2.5	0
643	Thromboelastometric examination on the ICU before elective procedures. Critical Care, 2014, 18, .	2.5	0
644	ROTEM: Multiplate monitoring in the ICU and outcome scores. Critical Care, 2014, 18, .	2.5	1
645	Retrospective observational study of interventional radiology and critical care coagulopathy. Critical Care, 2014, 18, .	2.5	0
646	Monitoring of treatment with low molecular weight heparins using viscoelastic devices. Critical Care, 2014, 18, .	2.5	2
647	Heparin stability in parenteral nutrition bags prepared in a neonatal ICU. Critical Care, 2014, 18, .	2.5	0
648	Bivalirudin or heparin: which anticoagulation strategy for critically ill cardiac surgery patients?. Critical Care, 2014, 18, .	2.5	0
649	Reversal of edoxaban-induced anticoagulation by the four-factor prothrombin complex concentrate Beriplex® in a rabbit model. Critical Care, 2014, 18, .	2.5	0
650	Use of a specific antidote to dabigatran (idarucizumab) reduces blood loss and mortality in dabigatran-induced and trauma-induced bleeding in pigs. Critical Care, 2014, 18, .	2.5	6

#	ARTICLE	IF	CITATIONS
651	Primary bivalirudin anticoagulation for patients with an implantable ventricular assist device. Critical Care, 2014, 18, .	2.5	0
652	Plasma-free hemoglobin and microvascular response to fresh or old blood transfusion in septic patients. Critical Care, 2014, 18, .	2.5	0
653	Fatty acid composition of blood plasma in multiple organ dysfunction syndrome. Critical Care, 2014, 18, .	2.5	1
654	Response of coagulation and fibrinolysis system was different between older and nonolder patients with severe sepsis. Critical Care, 2014, 18, .	2.5	0
655	Îµ-Aminocaproic acid does not increase adverse effects in cardiac surgery: an analysis of 2,852 cases. Critical Care, 2014, 18, .	2.5	0
656	Eculizumab treatment of atypical haemolytic uraemic syndrome: results from the largest prospective clinical trial to date. Critical Care, 2014, 18, .	2.5	1
657	Variation in red blood cell transfusion thresholds in critically ill patients. Critical Care, 2014, 18, .	2.5	5
658	A liberal strategy of red blood cell transfusion reduces cardiovascular complications in older patients undergoing cardiac surgery. Critical Care, 2014, 18, .	2.5	1
659	Anemia and high hematocrit are associated with in-hospital mortality in emergency department patients with suspected infection. Critical Care, 2014, 18, .	2.5	0
660	New simplified criteria for predicting massive transfusion in trauma. Critical Care, 2014, 18, .	2.5	0
661	Blood product transfusions in septic patients are associated with mortality, ARDS, and more days on mechanical ventilation. Critical Care, 2014, 18, .	2.5	0
662	Inflammatory properties of microparticles in stored red blood cell transfusion products. Critical Care, 2014, 18, .	2.5	2
663	Influenza A (H1N1): the first hit for transfusion-related acute lung injury?. Critical Care, 2014, 18, .	2.5	0
664	Prothrombin complex concentrate restores haemostasis in a dabigatran anticoagulated polytrauma pig model. Critical Care, 2014, 18, .	2.5	2
665	Effect of a fixed dose of fresh frozen plasma on systemic inflammation and endothelial damage in nonbleeding critically ill patients. Critical Care, 2014, 18, .	2.5	0
666	Application of damage control resuscitation strategies to patients with severe traumatic hemorrhage: review of plasma to packed red blood cell ratios at a single institution. Critical Care, 2014, 18, .	2.5	0
667	In a trauma experimental pig model prothrombin complex concentrates and a specific antidote (idarucizumab) are effective to reverse the anticoagulant effects of dabigatran. Critical Care, 2014, 18, .	2.5	4
668	Attenuation of ischemia-reperfusion injury in swine resuscitated for hemorrhagic shock by low-dose inhaled nitrite or carbon monoxide. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
669	Validation of inflationary non-invasive blood pressure monitoring in emergency room patients. Critical Care, 2014, 18, .	2.5	0
670	Influence of the oscillometric calibration method on accuracy and precision of continuous non-invasive arterial pressure measurements using the CNAPâ„¢ device. Critical Care, 2014, 18, .	2.5	0
671	Arterial pulse waveform as an n-soliton evolution of the left ventricular pressure pulse. Critical Care, 2014, 18, .	2.5	0
672	Tackling the burden of postsurgical complications in the USA: would perioperative goal-directed therapy help?. Critical Care, 2014, 18, .	2.5	1
673	Radiological control of central venous catheter (CVC) versus electrocardiogram-guided control inserted CVC: confirm with transesophageal echocardiography. Critical Care, 2014, 18, .	2.5	1
674	Impact of the neutral position and rotation of the head in ultrasound-guided internal jugular vein catheterization on duration of procedure and complications. Critical Care, 2014, 18, .	2.5	0
675	Anthropometric formulas versus intracavitary ECG for optimal tip position of central venous catheters. Critical Care, 2014, 18, .	2.5	0
676	Residents learning ultrasound-guided catheterization are not sufficiently skilled to use landmarks. Critical Care, 2014, 18, .	2.5	1
677	Development of a standardized method of peripherally inserted central catheter (PICC-line) bedside installation. Critical Care, 2014, 18, .	2.5	1
678	Is chest X-ray necessary after central venous catheter insertion?. Critical Care, 2014, 18, .	2.5	2
679	Diagnostic value of chest ultrasound after cardiac surgery: a comparison with chest X-ray and auscultation. Critical Care, 2014, 18, .	2.5	3
680	Ultrasound measurement of carotid flow time changes with volume status. Critical Care, 2014, 18, .	2.5	7
681	Real-time ultrasound-guided subclavian vein cannulation in cardiac surgery: comparison between short-axis and long-axis techniques. Critical Care, 2014, 18, .	2.5	0
682	Transthoracic echocardiography used in conjunction with passive leg raising for assessment of fluid responsiveness in severe sepsis or septic shock patients. Critical Care, 2014, 18, .	2.5	0
683	Transoesophageal echocardiography and extracorporeal membrane oxygenation: fancy for enthusiasts or indispensable tool?. Critical Care, 2014, 18, .	2.5	5
684	Accuracy of synthesized right-sided/posterior chest lead electrocardiograms. Critical Care, 2014, 18, .	2.5	0
685	Aortic stiffness in patients with early sepsis. Critical Care, 2014, 18, .	2.5	0
686	Novel technology for non-invasive thoracic fluid measurement: an animal model comparative study. Critical Care, 2014, 18, .	2.5	0

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687	Adherence to the nurse-driven hemodynamic protocol during postoperative care. Critical Care, 2014, 18, .	2.5	0
688	Pulse wave transit time technique for perioperative non-invasive hemodynamic monitoring. Critical Care, 2014, 18, .	2.5	0
689	Validation of cardiac output from Mostcare compared with a pulmonary artery catheter in septic patients. Critical Care, 2014, 18, .	2.5	1
690	Novel non-invasive technology for cardiac output determination. Critical Care, 2014, 18, .	2.5	0
691	Performance of pulse contour and pulse wave transit time-based continuous cardiac output analyses: clinical validation of two methods in Thai patients undergoing cardiac surgery. Critical Care, 2014, 18, .	2.5	2
692	Comparison of PiCCO and VolumeView: simultaneous measurement in sepsis pig models. Critical Care, 2014, 18, .	2.5	1
693	Effects of the restrictive fluid strategy on postoperative pulmonary and renal function following pulmonary resection surgery. Critical Care, 2014, 18, .	2.5	0
694	Perioperative fluid balance and postoperative changes in serum creatinine in patients admitted to critical care after elective major surgery. Critical Care, 2014, 18, .	2.5	0
695	Very limited usefulness of pulse pressure variation as a predictor of volume responsiveness in critically ill septic patients. Critical Care, 2014, 18, .	2.5	0
696	Effects of central hypovolemia induced by tilt table on the Doppler- based renal resistive index in healthy volunteers. Critical Care, 2014, 18, .	2.5	0
697	Tissue oxygenation as a target for goal-directed therapy in high-risk surgery. Critical Care, 2014, 18, .	2.5	0
698	Why measurements do (not) work: the human factor. Critical Care, 2014, 18, .	2.5	0
699	Fluid responsiveness in septic shock. Critical Care, 2014, 18, .	2.5	1
700	Use of pulse pressure variation and stroke volume variation in spontaneously breathing patients to assess dynamic arterial elastance and to predict arterial pressure response to fluid administration. Critical Care, 2014, 18, .	2.5	5
701	Accuracy of the plethysmographic variation index as a predictor of fluid responsiveness after cardiac surgery. Critical Care, 2014, 18, .	2.5	0
702	Kinetics of volume expansion during a fluid challenge. Critical Care, 2014, 18, .	2.5	0
703	Fluid challenge with shock. Critical Care, 2014, 18, .	2.5	0
704	In vivo effect of hydroxyethyl starch solution (HES 130/0.4) on different fibrinogen assays. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
705	BXL 628 ameliorates toxicity of lactated Ringer in HK-2 human renal proximal tubule cells in a hypovolemia mimicking model. Critical Care, 2014, 18, .	2.5	0
706	Hypotonic fluids after liver transplantation may be associated with prolonged ICU stay. Critical Care, 2014, 18, .	2.5	1
707	Early Vasopressin Application in Shock study. Critical Care, 2014, 18, .	2.5	19
708	Terlipressin-induced hyponatraemia. Critical Care, 2014, 18, .	2.5	1
709	Incidence of adverse events in a Brazilian coronary ICU. Critical Care, 2014, 18, .	2.5	0
710	Care of Burns in Scotland: 3-year data from the Managed Clinical Network National Registry. Critical Care, 2014, 18, .	2.5	4
711	Transfusion requirements in septic shock patients: a randomized controlled trial. Critical Care, 2014, 18, .	2.5	1
712	Fibrinogen at admission is an independent predictor of mortality in severe sepsis and septic shock. Critical Care, 2014, 18, .	2.5	2
713	Urinary tissue inhibitor of metalloproteinases-2 and insulin-like growth factor-binding protein 7 as early biomarkers of acute kidney injury and renal recovery following cardiac surgery. Critical Care, 2014, 18, .	2.5	0
714	Plasma platelet-derived microparticles to platelet count ratio as a marker of mortality in critically ill patients. Critical Care, 2014, 18, .	2.5	1
715	Efficacy of terutroban in preventing delayed cerebral ischemia after subarachnoid hemorrhage: a functional isotope imaging study on a rat model. Critical Care, 2014, 18, .	2.5	0
716	Clinical pulmonary infection score calculator in the early diagnosis and treatment of ventilator-associated pneumonia in the ICU. Critical Care, 2014, 18, .	2.5	6
717	Ability to speak in ventilator-dependent tracheostomized ICU patients. Critical Care, 2014, 18, .	2.5	3
718	Vasopressin versus norepinephrine for the management of septic shock in cancer patients. Critical Care, 2014, 18, .	2.5	13
719	Effect of nasal high flow for postoperative respiratory failure: a prospective observational study. Critical Care, 2014, 18, .	2.5	0
720	Effect of subglottic secretion drainage for preventing ventilator-associated pneumonia. Critical Care, 2014, 18, .	2.5	2
721	Enteral administration of antiepileptic agents could have efficacy for prevention of post-traumatic seizures in severe traumatic brain injury. Critical Care, 2014, 18, .	2.5	0
722	Demand versus supply in intensive care: an ever-growing problem. Critical Care, 2014, 18, .	2.5	8

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723	Analysis of the acoustic environment in an ICU using patient information as a covariate. Critical Care, 2014, 18, .	2.5	0
724	Factors affecting the clinical response to National Early Warning score triggers. Critical Care, 2014, 18, .	2.5	1
725	Haemodynamic effects of phenylephrine commenced prior to induction of anaesthesia in older patients undergoing high-risk vascular surgery. Critical Care, 2014, 18, .	2.5	0
726	Acetaminophen-induced hypotension in the surgical ICU. Critical Care, 2014, 18, .	2.5	1
727	Experiences of a tertiary center with use of extracorporeal membrane oxygenation support in patients with cardiogenic shock after cardiac surgery. Critical Care, 2014, 18, .	2.5	0
728	Potential use of veno-arterial extracorporeal membrane oxygenation for cardiogenic shock refractory to mechanical assist devices: baseline physiology and mortality data. Critical Care, 2014, 18, .	2.5	0
729	Normobaric oxygen paradox and the microcirculation in the critically ill patient: a prospective observational study. Critical Care, 2014, 18, .	2.5	0
730	Predictive criteria for the development of intra-abdominal hypertension and abdominal compartment syndrome. Critical Care, 2014, 18, .	2.5	0
731	Early lactate-guided therapy in cardiac surgery patients: a randomized controlled trial. Critical Care, 2014, 18, .	2.5	1
732	Lactate as a predictor of deterioration in emergency department patients with and without infection. Critical Care, 2014, 18, .	2.5	0
733	Correlation between conventional and advanced hemodynamic parameters versus serum lactate in patients with severe sepsis. Critical Care, 2014, 18, .	2.5	0
734	Delayed assessment of serum lactate in sepsis is associated with an increased mortality rate. Critical Care, 2014, 18, .	2.5	0
735	Lactate quartile concentration and prognosis in severe sepsis and septic shock. Critical Care, 2014, 18, .	2.5	0
736	Comparison of the effects of histidine-triptophan-ketoglutarate solution and crystalloid cardioplegia on myocardial protection during pediatric cardiac surgery. Critical Care, 2014, 18, .	2.5	2
737	Hyperdynamic ejection fraction in the critically ill patient. Critical Care, 2014, 18, .	2.5	0
738	Impact of nitric oxide on pulmonary regurgitation and cardiac function in the acute stage after right ventricular outflow surgery. Critical Care, 2014, 18, .	2.5	0
739	Cardiogenic oscillation in pediatric patients after cardiac surgery. Critical Care, 2014, 18, .	2.5	1
740	Intraoperative dexamethasone on left atrial function and postoperative atrial fibrillation in cardiac surgical patients. Critical Care, 2014, 18, .	2.5	0

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741	White blood cell count and new-onset atrial fibrillation after cardiac surgery. Critical Care, 2014, 18, .	2.5	1
742	Anti-adrenergic effects of ranolazine in isolated rat aorta. Critical Care, 2014, 18, .	2.5	0
743	Delays in extubation following elective adult cardiac surgery. Critical Care, 2014, 18, .	2.5	0
744	Effects of perfusion pressure on the splanchnic circulation after cardiopulmonary bypass: a randomized double cross-over study. Critical Care, 2014, 18, .	2.5	1
745	Isoflurane attenuates left ventricular akinesia and preserves cardiac output in the Tako-tsubo rat model. Critical Care, 2014, 18, .	2.5	0
746	Preoperative therapy with angiotensin-converting enzyme inhibitors in cardiac surgery patients: is there any impact on postoperative renal function?. Critical Care, 2014, 18, .	2.5	0
747	Characterization of the profile and clinical variables associated with mortality in a Brazilian coronary ICU. Critical Care, 2014, 18, .	2.5	0
748	Hospital visit pattern and its effect on reperfusion time and clinical outcomes in ST-segment elevation acute myocardial infarction. Critical Care, 2014, 18, .	2.5	0
749	Tissue-aggressive inflammatory response defines the tissue aggressiveness of the post-infarction milieu. Critical Care, 2014, 18, .	2.5	0
750	Impact of positive end-expiratory pressure application on ventriculo-arterial coupling in decompensated left ventricles after cardiac surgery: a non-invasive echocardiographic study. Critical Care, 2014, 18, .	2.5	0
751	Prevalence of elevated cardiac troponin T in ICU patients using the high-sensitivity assay and the relationship with mortality. Critical Care, 2014, 18, .	2.5	0
752	Rhabdomyolysis following cardiac surgery: from prevalence to prevention. Critical Care, 2014, 18, .	2.5	0
753	Open cavity abdominal surgery in octogenarians and nonagenarians admitted to a university teaching hospital ICU: a retrospective review. Critical Care, 2014, 18, .	2.5	0
754	Postoperative resource utilization and survival among liver transplant recipients with Model for End-stage Liver Disease score ≥ 40 : a retrospective cohort study. Critical Care, 2014, 18, .	2.5	1
755	Causes and consequences of infections in patients after liver transplantation: 2-year study in the only ICU that hospitalizes these cases in Greece. Critical Care, 2014, 18, .	2.5	0
756	Extracorporeal membrane oxygenation before and after adult liver transplantation: worth the effort?. Critical Care, 2014, 18, .	2.5	12
757	Is cirrhotic cardiomyopathy a risk factor for post-reperfusion syndrome during liver transplantation?. Critical Care, 2014, 18, .	2.5	0
758	Perioperative management of patients undergoing combined heart-liver transplantation. Critical Care, 2014, 18, .	2.5	2

#	ARTICLE	IF	CITATIONS
759	Impaired balance between coagulation and fibrinolysis plays a prominent role in patients with sepsis. Critical Care, 2014, 18, .	2.5	0
760	Clinical usefulness of measurement of plasma soluble fibrin levels in critically ill patients. Critical Care, 2014, 18, .	2.5	0
761	Value of microbial metabolites in blood serum as criteria for bacterial load in the pathogenesis of hemodynamic disorders in critically ill patients. Critical Care, 2014, 18, .	2.5	3
762	Receptor for advanced glycation end products axis in critically ill patients. Critical Care, 2014, 18, .	2.5	0
763	Usefulness of the endotoxin activity assay as a biomarker to assess severity in ICU patients. Critical Care, 2014, 18, .	2.5	0
764	Usefulness of presepsin and procalcitonin levels in the diagnosis of sepsis in patients with acute kidney injury. Critical Care, 2014, 18, .	2.5	0
765	Differentiating sepsis from non-infective systemic inflammatory response syndrome: comparison between C-reactive protein and leptin. Critical Care, 2014, 18, .	2.5	0
766	Use of procalcitonin and white blood cells as combined predictors of infection in cardiac surgery patients. Critical Care, 2014, 18, .	2.5	1
767	Single pro-adrenomedullin determination in septic shock and 28-day mortality. Critical Care, 2014, 18, .	2.5	0
768	Club Cell protein: a candidate diagnostic biomarker of Pseudomonas aeruginosa nosocomial pneumonia. Critical Care, 2014, 18, .	2.5	0
769	Plasma cholinesterase activity as diagnostic marker for systemic inflammation. Critical Care, 2014, 18, .	2.5	1
770	Pre-analytic factors and initial biomarker levels in community- acquired pneumonia patients. Critical Care, 2014, 18, .	2.5	0
771	Altered T-cell repertoire diversity in septic shock patients. Critical Care, 2014, 18, .	2.5	0
772	Association between DNA haplogroups and severe sepsis in patients who underwent major surgery. Critical Care, 2014, 18, .	2.5	0
773	Activated protein C consumption and coagulation parameters in severe sepsis and septic shock. Critical Care, 2014, 18, .	2.5	0
774	Flow-cytometric analysis in traumatic brain injury to evaluate immunosuppression. Critical Care, 2014, 18, .	2.5	1
775	Polymorphonuclear cell surface expression patterns differ in inflammatory and infectious stages in polytraumatized and septic shock patients. Critical Care, 2014, 18, .	2.5	0
776	Lymphocyte surface expression patterns differ in inflammatory and infectious stages in polytraumatized and septic shock patients. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
777	Cl:Na ratio on ICU admission as a prognostic indicator of mortality in sepsis patients. Critical Care, 2014, 18, .	2.5	0
778	Dysfunction of peroxisomes as one of the possible causes of multiple organ dysfunction syndrome development. Critical Care, 2014, 18, .	2.5	0
779	Differential effect of alcohol on TNF α receptor II production in the presence of LPS challenge ex vivo. Critical Care, 2014, 18, .	2.5	0
780	Neutrophil phenotype model for extracorporeal treatment of sepsis. Critical Care, 2014, 18, .	2.5	0
781	Prolactin, cortisol and heat shock proteins in early sepsis: preliminary data. Critical Care, 2014, 18, .	2.5	0
782	AMP-protein kinase may protect against sepsis-induced acute kidney injury through modulation of immune response and endothelial activation. Critical Care, 2014, 18, .	2.5	0
783	Study of the ex vivo immune response of polytrauma older patients in the ICU on admission: preliminary results. Critical Care, 2014, 18, .	2.5	1
784	Multiple trauma is linked with reversal of immunoparalysis and provides survival benefit from Pseudomonas aeruginosa. Critical Care, 2014, 18, .	2.5	0
785	Delayed admission to the ICU is associated with increased in-hospital mortality in patients with community-acquired severe sepsis or shock. Critical Care, 2014, 18, .	2.5	1
786	Effect of clarithromycin in patients with Gram-negative sepsis: subgroup analysis of a randomized trial. Critical Care, 2014, 18, .	2.5	1
787	Benefit profile of recombinant human soluble thrombomodulin in sepsis-induced DIC. Critical Care, 2014, 18, .	2.5	0
788	Comprehensive assessment of the true sepsis burden using electronic health record screening augmented by natural language processing. Critical Care, 2014, 18, .	2.5	3
789	Outcomes of neutropenic patients with severe sepsis on a specialist cancer ICU. Critical Care, 2014, 18, .	2.5	2
790	Vitamin D and ICU outcome in septic patients: a difficult connection?. Critical Care, 2014, 18, .	2.5	0
791	A meta-analysis of randomized controlled trials on the use of statins in septic patients. Critical Care, 2014, 18, .	2.5	0
792	Efficacy of early administration of thrombomodulin alfa in patients with sepsis-induced disseminated intravascular coagulation: subanalysis from post-marketing surveillance data. Critical Care, 2014, 18, .	2.5	0
793	Dynamic myocardial depression in septic cardiomyopathy. Critical Care, 2014, 18, .	2.5	0
794	Significant change in the practice of chest radiography in Dutch ICUs. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
795	Stating clear indications for chest radiographs after cardiac surgery increases their efficacy and safety reduces costs. Critical Care, 2014, 18, .	2.5	0
796	Evaluation of early graft function in a case series of lung-transplanted patients. Critical Care, 2014, 18, .	2.5	0
797	Lung function in the immediate postoperative period after videoassisted thoracoscopic and thoracotomy pulmonary resection. Critical Care, 2014, 18, .	2.5	0
798	Lung ultrasound reeration score: a useful tool to predict non-invasive ventilation effectiveness. Critical Care, 2014, 18, .	2.5	2
799	Ultrasound in the diagnosis of pneumothorax: a survey of current practice. Critical Care, 2014, 18, .	2.5	0
800	Computed tomographic assessment of airflow obstruction in smoke inhalation injury. Critical Care, 2014, 18, .	2.5	0
801	Semi-upright position improves ventilation and oxygenation in mechanically ventilated intensive care patients. Critical Care, 2014, 18, .	2.5	3
802	Effects of sitting on the respiratory pattern, mechanics and work of breathing in mechanically ventilated patients. Critical Care, 2014, 18, .	2.5	0
803	The win ratio method: a novel hierarchical endpoint for pneumonia trials in patients on mechanical ventilation. Critical Care, 2014, 18, .	2.5	6
804	Failure to obtain admission sputum culture is associated with higher mortality and fewer ventilator-free days for intubated pneumonia patients: a quality improvement project. Critical Care, 2014, 18, .	2.5	0
805	Nonventilatory factors affecting noninvasive mechanical ventilation success in hypercapnic critical care patients. Critical Care, 2014, 18, .	2.5	0
806	Physiologic comparison between NAVA, PAV+ and PSV in critically ill patients. Critical Care, 2014, 18, .	2.5	0
807	Oxygenation index outperforms the P/F ratio for mortality prediction. Critical Care, 2014, 18, .	2.5	1
808	Determining the mechanical ventilation mode and pressure support combination that is best compatible with the rapid shallow breathing index calculated in spontaneous ventilation. Critical Care, 2014, 18, .	2.5	1
809	New setting of neurally adjusted ventilatory assist during mask noninvasive ventilation. Critical Care, 2014, 18, .	2.5	0
810	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. Critical Care, 2014, 18, .	2.5	0
811	Is neurally adjusted ventilatory assist feasible during anesthesia?. Critical Care, 2014, 18, .	2.5	0
812	PEEP titration on the basis of intratidal resistance-volume profiles. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
813	US study of gliding in nondependent lung regions: the dark side of the moon. Critical Care, 2014, 18, .	2.5	0
814	Protective ventilation reduces bacterial growth and lung injury in a porcine pneumonia model. Critical Care, 2014, 18, .	2.5	0
815	Changes in computed tomography and ventilation/perfusion mismatch with positive end-expiratory pressure. Critical Care, 2014, 18, .	2.5	0
816	Ventilator settings in ICUs: comparing a Dutch with a global cohort. Critical Care, 2014, 18, .	2.5	0
817	Graphical user interface for visualization of a decision support system for PEEP titration. Critical Care, 2014, 18, .	2.5	0
818	Time-dependent apoptosis induction after spontaneous-breathing or ventilation-analogue experimental mechanostimulation of monolayer lung cell cultures. Critical Care, 2014, 18, .	2.5	0
819	Influence of positive end-expiratory pressure on cyclic recruitment and derecruitment during one breathing cycle in porcine acute lung injury. Critical Care, 2014, 18, .	2.5	0
820	Effect of positive end-expiratory pressure on right ventricle function assessed by speckle tracking echocardiography. Critical Care, 2014, 18, .	2.5	0
821	Airway pressure release ventilation restores hemodynamic stability in patients with cardiogenic shock: initial experience in cardiac intensive care. Critical Care, 2014, 18, .	2.5	0
822	Experimental VILI begins with subpleural lung lesions. Critical Care, 2014, 18, .	2.5	0
823	CT scan and ultrasound comparative assessment of PEEP-induced lung aeration changes in ARDS. Critical Care, 2014, 18, .	2.5	9
824	Effect of tidal volume and positive end-expiratory pressure on lung hysteresis of healthy piglets. Critical Care, 2014, 18, .	2.5	0
825	Evaluation and quantification of pulmonary hyperinflation in three gravitational zones of domestic felines by computed tomography. Critical Care, 2014, 18, .	2.5	0
826	Effect of inhaled nitric oxide on apoptosis of lymphocytes in newborns in a critical state. Critical Care, 2014, 18, .	2.5	1
827	High-frequency oscillatory ventilation use in patients with H1N1: a single-centre review. Critical Care, 2014, 18, .	2.5	0
828	EIT comparison of airway pressure release ventilation and conventional ventilation. Critical Care, 2014, 18, .	2.5	0
829	Comparison of HFOV and conventional ventilation in H1N1 influenza ARDS. Critical Care, 2014, 18, .	2.5	0
830	Opening pressures and intratidal opening and closing in ARDS lung. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
831	Compliance with protective lung ventilation in an Irish teaching hospital. Critical Care, 2014, 18, .	2.5	0
832	Mechanisms underlying the lung-protective effects of FFlow- controlled EXpiration. Critical Care, 2014, 18, .	2.5	2
833	Fluid balance predicts weaning failure in chronic obstructive pulmonary disease patients. Critical Care, 2014, 18, .	2.5	3
834	Role of the rapid shallow breathing index to predict the success of mechanical ventilator liberation in acute respiratory failure. Critical Care, 2014, 18, .	2.5	0
835	Determinants of ventilator weaning outcome in a medical-surgical ICU. Critical Care, 2014, 18, .	2.5	1
836	Microbiology and outcomes of severe pneumonia in critically ill cancer patients. Critical Care, 2014, 18, .	2.5	0
837	Biomarker-based exclusion of ventilator-associated pneumonia: a multicentre validation study. Critical Care, 2014, 18, .	2.5	1
838	Validation of the 2005 American Thoracic Society/Infectious Diseases Society of America guidelines for ventilator-associated pneumonia: a Japanese multicenter observational study. Critical Care, 2014, 18, .	2.5	0
839	Surveillance and evaluation of ventilator-associated events as per Centers for Disease Control and Prevention guidelines. Critical Care, 2014, 18, .	2.5	0
840	Extracorporeal carbon dioxide removal as a bridge to lung transplantation in life-threatening hypercapnia. Critical Care, 2014, 18, .	2.5	0
841	Quantifying sputum production in intensive therapy. Critical Care, 2014, 18, .	2.5	0
842	Outcomes of patients with acute respiratory failure of mixed aetiology treated with non-invasive ventilation in a large teaching hospital critical care unit. Critical Care, 2014, 18, .	2.5	0
843	Inhalation injury and clinical course in major burned patients. Critical Care, 2014, 18, .	2.5	0
844	Severe respiratory failure in multiple trauma patients: extracorporeal support as a salvage therapy - a single-center experience. Critical Care, 2014, 18, .	2.5	0
845	Advanced respiratory care techniques in a severe adult respiratory failure unit. Critical Care, 2014, 18, .	2.5	0
846	Novel carbon dioxide removal device driven by a renal-replacement system without hemofilter: an experimental approach and validation. Critical Care, 2014, 18, .	2.5	2
847	Does geography affect referral rates for extracorporeal membrane oxygenation in England?. Critical Care, 2014, 18, .	2.5	0
848	Assessment of an endotracheal tube cleaning closed-suctioning system by micro-computed tomography: preliminary clinical data. Critical Care, 2014, 18, .	2.5	0

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849	Does cost affect endotracheal tube performance?. Critical Care, 2014, 18, .	2.5	0
850	Tracheostomy in obese patients: the best tube choice issue. Critical Care, 2014, 18, .	2.5	1
851	Development of the novel Tracoe Twist Plus tracheostomy tube. Critical Care, 2014, 18, .	2.5	0
852	Double-lumen endotracheal tube for percutaneous tracheostomy: in vitro and in vivo preliminary data. Critical Care, 2014, 18, .	2.5	0
853	National survey of ICUs in the UK: discharging patients with tracheostomies. Critical Care, 2014, 18, .	2.5	0
854	Percutaneous dilatational tracheostomy in patients with severe coagulopathy or thrombocytopenia. Critical Care, 2014, 18, .	2.5	0
855	Repeat bedside percutaneous tracheostomy: still a contraindication?. Critical Care, 2014, 18, .	2.5	1
856	National UK survey: a review of percutaneous tracheostomy and auxiliary subglottic suction port use. Critical Care, 2014, 18, .	2.5	2
857	Is the post-critical care environment safe for tracheostomy patients?. Critical Care, 2014, 18, .	2.5	0
858	Survey on the use of chlorhexidine and toothpaste as part of oral care in UK ICUs. Critical Care, 2014, 18, .	2.5	0
859	Survey of the use and practicalities of subglottic suction drainage in the UK. Critical Care, 2014, 18, .	2.5	0
860	Intravenous perfluorocarbons increased oxygen delivery/ consumption in ARDS in swine. Critical Care, 2014, 18, .	2.5	0
861	Prevention of pneumothorax using venovenous ECMO in acute respiratory distress syndrome with emphysematous/cystic changes in the lung. Critical Care, 2014, 18, .	2.5	1
862	Injurious ventilation has an age-dependent affect on the pulmonary renin-angiotensin system in LPS-challenged rats. Critical Care, 2014, 18, .	2.5	1
863	Role of Th1 and Th17 imbalance in acute lung injury mice. Critical Care, 2014, 18, .	2.5	0
864	Comparison of CD80 level on dendritic cells in acute lung injury mice. Critical Care, 2014, 18, .	2.5	0
865	Five-year single-centre review of ARDS patients receiving high-frequency oscillatory ventilation. Critical Care, 2014, 18, .	2.5	0
866	Blocking angiotensin type 1 receptor modulates Th1-mediated and Th17-mediated responses in lipopolysaccharide-induced acute lung injury mice. Critical Care, 2014, 18, .	2.5	0

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867	Echocardiographic guidance for Avalon Elite dual-lumen catheter implantation. <i>Critical Care</i> , 2014, 18, .	2.5	4
868	Risk factors for multi-resistant organisms in sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
869	<i>Clostridium difficile</i> infection in ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
870	Retrospective observational analysis of the infective risk of arterial lines in a general ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
871	Reducing CR-BSI in a general ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
872	Risk factors of candidemia in postoperative ICU patients: a prospective study. <i>Critical Care</i> , 2014, 18, .	2.5	1
873	<i>Escherichia coli</i> infection in Polish neonatology ICUs in 2009 to 2012. <i>Critical Care</i> , 2014, 18, .	2.5	0
874	Infection control as a nonpharmacologic strategy for the prevention of healthcare-associated infections in a Ukrainian hospital. <i>Critical Care</i> , 2014, 18, .	2.5	0
875	Surveillance for nosocomial pathogens in our ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
876	<i>Candida</i> in the respiratory tract secretions of critically ill patients and the impact of antifungal treatment: a randomized placebocontrolled pilot trial (CANTREAT study). <i>Critical Care</i> , 2014, 18, .	2.5	1
877	Retrospective analysis of respiratory isolates post out-of-hospital cardiac arrest to establish choices in empirical antibiotic cover. <i>Critical Care</i> , 2014, 18, .	2.5	0
878	Pharmacokinetics of antituberculosis drugs in critically ill patients with tuberculosis and acute respiratory failure. <i>Critical Care</i> , 2014, 18, .	2.5	0
879	Eight-year study of the <i>Staphylococcus epidermidis</i> resistance profile against glycopeptides, oxazolidinones and glycylicyclines in an ICU of a Greek tertiary hospital. <i>Critical Care</i> , 2014, 18, .	2.5	0
880	Vancomycin-resistant enterococci: eradication using vancomycin?. <i>Critical Care</i> , 2014, 18, .	2.5	0
881	Audit of bacteraemia management in a university hospital ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
882	Sepsis: impact of timely and appropriate empirical antibiotic therapy on mortality. <i>Critical Care</i> , 2014, 18, .	2.5	1
883	Safety and efficacy of amphotericin B inhalation for <i>Candida</i> spp. in the respiratory tract of critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
884	Inhaled tobramycin for the treatment of nosocomial pneumonia in sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0

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885	Sternal wound infections in cardiac surgery: effects of vancomycin prophylaxis. Critical Care, 2014, 18, .	2.5	0
886	Retrospective analysis of the clinical utility of blood cultures taken surrounding intensive care admission. Critical Care, 2014, 18, .	2.5	0
887	Employing quality improvement methodology in sepsis: an electronic sepsis order set further improves compliance with the Surviving Sepsis Campaign 3-hour bundle. Critical Care, 2014, 18, .	2.5	0
888	Acute kidney injury in cardiorenal syndrome type 1: a meta-analysis. Critical Care, 2014, 18, .	2.5	0
889	Early detection of postoperative acute kidney injury by Doppler renal resistive index in major lung and cardiac operations. Critical Care, 2014, 18, .	2.5	0
890	Renal resistive index at ICU admission and its change after 24 hours predict acute kidney injury in sepsis. Critical Care, 2014, 18, .	2.5	6
891	Acute kidney injury and cardiac surgery: impact of fluid balance on AKI classification and prognosis. Critical Care, 2014, 18, .	2.5	0
892	Acute kidney injury of all severity is associated with extended hospitalization after critical illness. Critical Care, 2014, 18, .	2.5	2
893	Early acute kidney injury in nonsepsis, noncardiac surgical patients admitted to a general surgical ICU. Critical Care, 2014, 18, .	2.5	0
894	Impact of kidney function calculation formulae on predicting early adverse renal events in cardiac surgery. Critical Care, 2014, 18, .	2.5	0
895	Fluid accumulation increases the risk of AKI progression and death in critically ill patients with early AKI. Critical Care, 2014, 18, .	2.5	2
896	Postoperative acute kidney injury in patients with gynecologic malignancies. Critical Care, 2014, 18, .	2.5	0
897	Acute kidney injury after elective adult cardiac surgery. Critical Care, 2014, 18, .	2.5	0
898	Incidence and outcomes of contrast-induced nephropathy in adult ICU patients. Critical Care, 2014, 18, .	2.5	0
899	Human acute kidney injury is associated with a proinflammatory phenotype. Critical Care, 2014, 18, .	2.5	0
900	Risk factors for the development of contrast-induced nephropathy in ICU patients. Critical Care, 2014, 18, .	2.5	0
901	Test characteristics of acute kidney injury biomarkers in animal models of sepsis. Critical Care, 2014, 18, .	2.5	0
902	Perioperative measurement of urinary oxygen tension as a tool in the prevention of acute kidney injury?. Critical Care, 2014, 18, .	2.5	0

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903	Postoperative acute kidney injury can be predicted by the novel biomarkers insulin-like growth factor-binding protein 7/tissue inhibitor of metalloproteinases-2 as early as 6 hours after surgery. Critical Care, 2014, 18, .	2.5	0
904	Urine TIMP2 $\tilde{\text{A}}$ — IGFBP7 increases 24 hours before severe AKI. Critical Care, 2014, 18, .	2.5	0
905	Resveratrol ameliorates apoptosis induced by contrast medium ioxitalamate in HK-2 human renal proximal tubule cells in vitro. Critical Care, 2014, 18, .	2.5	1
906	Estimated GFR versus creatinine clearance for evaluation of recovery from acute kidney injury. Critical Care, 2014, 18, .	2.5	0
907	Recovery from AKI by KDIGO criteria. Critical Care, 2014, 18, .	2.5	1
908	Incidence and outcomes of acute kidney injury following orthotopic lung transplant: a population-based cohort study. Critical Care, 2014, 18, .	2.5	2
909	Fluid accumulation post cardiac surgery and risk for renal replacement therapy. Critical Care, 2014, 18, .	2.5	0
910	Recovery of renal function after acute kidney injury requiring continuous renal replacement therapy. Critical Care, 2014, 18, .	2.5	0
911	Relation between preoperative use of diuretics and renal replacement therapy after cardiac surgery: a propensity score analysis. Critical Care, 2014, 18, .	2.5	1
912	Continuous renal replacement therapy (CVVHD) for acute kidney injury in critical care: incidence and outcome across South West Wales. Critical Care, 2014, 18, .	2.5	2
913	Renal replacement therapy in very elderly critical care patients. Critical Care, 2014, 18, .	2.5	1
914	Preventing continuous renal replacement therapies (CRRT)-induced hypophosphatemia using a phosphate-containing CRRT solution in the setting of regional citrate anticoagulation. Critical Care, 2014, 18, .	2.5	0
915	Evaluation of functional differences between two anticoagulation methods used in continuous renal replacement therapy in critical patients. Critical Care, 2014, 18, .	2.5	0
916	Development of key performance indicators for renal replacement therapy in adult intensive care to guide safe and cost-effective therapy. Critical Care, 2014, 18, .	2.5	0
917	Effectiveness of sub-albumin protein leakage membrane EMIC2 in post-cardiac surgery rhabdomyolysis. Critical Care, 2014, 18, .	2.5	0
918	Myoglobin removal of small-protein leakage membrane (EMIC2) in patients in the ICU: a case series. Critical Care, 2014, 18, .	2.5	2
919	Plasma filtration with dialysis (plasma diafiltration) in critically ill patients with acute liver failure. Critical Care, 2014, 18, .	2.5	0
920	Efficacy of continuous plasma diafiltration therapy. Critical Care, 2014, 18, .	2.5	0

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921	Hemodialysis with high cutoff membranes improves tissue perfusion in severe sepsis: preliminary data of the Sepsis in Florence sTudy (SIFT). <i>Critical Care</i> , 2014, 18, .	2.5	2
922	Pharmacodynamics and pharmacokinetics of ciprofloxacin during sustained low-efficiency dialysis. <i>Critical Care</i> , 2014, 18, .	2.5	0
923	Pharmacokinetics of meropenem during continuous renal replacement therapy in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
924	Impact of ideal versus estimated body weight on haemofiltration dosing in critically ill patients with AKI. <i>Critical Care</i> , 2014, 18, .	2.5	1
925	ICU patients treated with RRT for AKI who have chronic kidney disease have better 1-year outcome compared with patients with better kidney function. <i>Critical Care</i> , 2014, 18, .	2.5	0
926	Long-term outcomes in acute kidney injury patients treated with renal replacement therapy who were alive at hospital discharge. <i>Critical Care</i> , 2014, 18, .	2.5	0
927	Polymyxin B-immobilized fiber hemoperfusion therapy improves sepsis-related immunosuppression. <i>Critical Care</i> , 2014, 18, .	2.5	0
928	Endotoxin activity assay and polymyxin B hemoperfusion use in a cohort of critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
929	An assessment of long-term sleep quality using actigraphy in survivors of critical illness. <i>Critical Care</i> , 2014, 18, .	2.5	0
930	Study to assess whether staff are able to accurately assess sleep quality and quantity in intensive care patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
931	Simplified versus standard EEG to measure the depth of sedation in mechanically ventilated ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
932	Haemodynamic effects of clonidine in an ovine model of severe sepsis with septic acute kidney injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
933	Off-label use of clonidine for sedation in Dutch ICUs. <i>Critical Care</i> , 2014, 18, .	2.5	1
934	Different effects of propofol and dexmedetomidine on preload dependency in endotoxemic shock with norepinephrine infusion: a randomized case-control study. <i>Critical Care</i> , 2014, 18, .	2.5	1
935	Propofol: monitoring for complications. <i>Critical Care</i> , 2014, 18, .	2.5	1
936	Influence of increased intracranial pressure on sevoflurane-fentanyl anesthesia in major abdominal surgery. <i>Critical Care</i> , 2014, 18, .	2.5	1
937	Quantifying sedation satisfaction during bronchoscopy using the Bispectral Index. <i>Critical Care</i> , 2014, 18, .	2.5	0
938	Risk factor of withdrawal syndrome in the paediatric ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1

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939	Epidural analgesia reduces perioperative myocardial infarction and all-cause mortality after cardiac surgery: but at least 25 epidural hematomas have already happened. <i>Critical Care</i> , 2014, 18, .	2.5	0
940	Delirium screening, prevention and treatment in the ICU: a systematic review of implementation strategies. <i>Critical Care</i> , 2014, 18, .	2.5	1
941	Effect of enteral and/or parenteral glutamine supplementation on mortality and morbidity in the critically ill. <i>Critical Care</i> , 2014, 18, .	2.5	0
942	Increased threshold for gastric residual volumes and impact on nutrition in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
943	Early enteral feeding in the septic critically ill patient: evaluation of our feeding protocol. <i>Critical Care</i> , 2014, 18, .	2.5	1
944	A nutritional protocol and personalized support reduce the cumulative caloric deficit of cardiac surgery patients. <i>Critical Care</i> , 2014, 18, .	2.5	2
945	Vitamin B and C levels of homeless patients who visit the emergency department with alcohol ingestion. <i>Critical Care</i> , 2014, 18, .	2.5	0
946	Acid-base disorders according to the Stewart approach in septic patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
947	Changes in urinary electrolytes during acute respiratory acid-base modifications. <i>Critical Care</i> , 2014, 18, .	2.5	1
948	Admission hypomagnesemia as a mortality predictor in medical critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	2
949	Impact of reduced frequency of phosphate testing on detected phosphate levels and phosphate prescription in critical care. <i>Critical Care</i> , 2014, 18, .	2.5	0
950	Effect of albumin and total protein concentration on plasma sodium measurements in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
951	Main causes of water-electrolyte disturbances in patients with acute brain injury: central diabetes insipidus and cerebral salt wasting syndrome. <i>Critical Care</i> , 2014, 18, .	2.5	0
952	Cardiac surgery alters the sensitivity of the dynamic interaction between the pituitary and adrenal glands. <i>Critical Care</i> , 2014, 18, .	2.5	0
953	Melatonin blood values and total antioxidant capacity in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	3
954	Continuous prediction of glucose-level changes using an electronic nose in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
955	Evaluation of blood glucose control in ICU patients with Space GlucoseControl: a European study. <i>Critical Care</i> , 2014, 18, .	2.5	0
956	Evaluation of Symphony CGM, a non-invasive, transdermal continuous glucose monitoring system for use in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	2

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957	Time-course evaluation of blood glucose changes in response to insulin delivery in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
958	Glycaemia and critical care outcomes. <i>Critical Care</i> , 2014, 18, .	2.5	0
959	First clinical study data from therapeutic use of a novel continuous glucose monitoring system in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1
960	Impact of corticosteroid administration in septic shock on glycemic variability. <i>Critical Care</i> , 2014, 18, .	2.5	0
961	Blood glucose target in acute phase suggested by the analysis of the relationship between blood glucose profile and the severity of the diseases. <i>Critical Care</i> , 2014, 18, .	2.5	0
962	Anti-inflammatory and antioxidant effects of ranolazine on primary cultured astrocytes. <i>Critical Care</i> , 2014, 18, .	2.5	1
963	Intrathecal lactate to predict spinal cord ischemia in major abdominal surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
964	Predictors of ventilatory outcome in cervical spinal injuries. <i>Critical Care</i> , 2014, 18, .	2.5	0
965	Evaluation of the ocular microcirculation in brain-dead patients: first step towards a new method of multimodal neuromonitoring?. <i>Critical Care</i> , 2014, 18, .	2.5	0
966	External validation of an early warning alert for elevated intracranial pressure in the Avert-IT database. <i>Critical Care</i> , 2014, 18, .	2.5	1
967	New support system using a mobile device for diagnostic image display and treatment of acute stroke in Japanese depopulated areas. <i>Critical Care</i> , 2014, 18, .	2.5	0
968	Effects of cardiac output-guided hemodynamic management on fluid administration after aneurysmal subarachnoid hemorrhage. <i>Critical Care</i> , 2014, 18, .	2.5	1
969	Effect of transient cerebral ischemia on the expression of receptor for advanced glycation end products in the gerbil hippocampus proper. <i>Critical Care</i> , 2014, 18, .	2.5	0
970	Correlation of thermal Doppler flowmetry and microdialysis values in patients with severe subarachnoid hemorrhage and traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
971	New look at the 20 mmHg ICP threshold. <i>Critical Care</i> , 2014, 18, .	2.5	1
972	Model of intracranial hypertension of tumor etiology in laboratory rats. <i>Critical Care</i> , 2014, 18, .	2.5	0
973	Arterial-jugular bulb differences in pCO ₂ , lactate, serum sodium and C-reactive protein in neurocritical patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
974	Accuracy of transcranial color-coded duplex sonography in predicting clinical vasospasm and delayed cerebral ischemia in patients with subarachnoid hemorrhage. <i>Critical Care</i> , 2014, 18, .	2.5	0

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975	Brain death determination in Europe: one condition with too many nuances. <i>Critical Care</i> , 2014, 18, .	2.5	0
976	What do brain-dead patients ultimately die of?. <i>Critical Care</i> , 2014, 18, .	2.5	0
977	Acute and long-term outcomes of ICU-acquired weakness: a cohort study and propensity matched analysis. <i>Critical Care</i> , 2014, 18, .	2.5	3
978	Early electrophysiological diagnosis of ICU-acquired weakness. <i>Critical Care</i> , 2014, 18, .	2.5	0
979	Choosing a cerebral near-infrared spectroscopy system for use in traumatic brain injury: deriving the ideal source detector layout. <i>Critical Care</i> , 2014, 18, .	2.5	1
980	Single-subject assessment of the distribution of white matter abnormalities measured by diffusion tensor imaging in patients with severe traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
981	Long-term outcome after severe traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
982	Vitamin D level could affect the recovery rate in traumatic brain injury: a retrospective study. <i>Critical Care</i> , 2014, 18, .	2.5	2
983	Could selected probiotics have beneficial effects on clinical outcome of severe traumatic brain injury patients?. <i>Critical Care</i> , 2014, 18, .	2.5	6
984	Effect of blood alcohol level on outcome of patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
985	Long-term outcome prediction using IMPACT and APACHE II in patients with traumatic brain injury treated in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
986	Validating and comparing the CAM-ICU and the ICDSC in mild and moderate traumatic brain injury patients: a multicenter prospective study. <i>Critical Care</i> , 2014, 18, .	2.5	1
987	Functional status after 3 years in ICU patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
988	Demographic profiles and extent of critical care resources utilisation in patients with severe traumatic brain injury: a Tan Tock Seng Hospital National Neuroscience Institute study. <i>Critical Care</i> , 2014, 18, .	2.5	0
989	Outcome measures in randomized controlled trials of patients with severe traumatic brain injury: a systematic review. <i>Critical Care</i> , 2014, 18, .	2.5	0
990	Predicting 6-month mortality of patients with traumatic brain injury: usefulness of common severity scores. <i>Critical Care</i> , 2014, 18, .	2.5	0
991	Work activities after 3-year follow-up in ICU patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
992	Simulation-based education for cardiopulmonary resuscitation and airway management protocols: a brief report of a systematic review and meta-analysis. <i>Critical Care</i> , 2014, 18, .	2.5	1

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993	Video analysis of cardiopulmonary resuscitation performance of ambulance crews during transportation. Critical Care, 2014, 18, .	2.5	0
994	Implementation of the PulsePoint smartphone application for crowd-sourcing bystander resuscitation. Critical Care, 2014, 18, .	2.5	9
995	Emergency room advanced life support after cardiac arrest: outcomes and survival, nursing care and team response. Critical Care, 2014, 18, .	2.5	0
996	What is the role of head computed tomography in post-resuscitation care?. Critical Care, 2014, 18, .	2.5	1
997	To see or not to see: does video CPR perform better than telephone CPR?. Critical Care, 2014, 18, .	2.5	0
998	Initial anticoagulation strategy for extracorporeal cardiopulmonary resuscitation patients. Critical Care, 2014, 18, .	2.5	0
999	Predictors of poor outcome in out-of-hospital cardiac arrest. Critical Care, 2014, 18, .	2.5	0
1000	Mean initial cerebral saturation and time to start advanced life support in out-of-hospital cardiac arrest: are they correlated?. Critical Care, 2014, 18, .	2.5	0
1001	Predicting survival in patients admitted to intensive care following out-of-hospital cardiac arrest using the Prognosis After Resuscitation score. Critical Care, 2014, 18, .	2.5	2
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