

Concentrations of Tramadol and O-desmethyltramadol Genotypes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic factors in pain and its treatment. Current Opinion in Anaesthesiology, 2007, 20, 478-484.	2.0	143
2	Codeine and tramadol analgesic efficacy and respiratory effects are influenced by CYP2D6 genotype. Anaesthesia, 2007, 62, 1294-1295.	3.8	27
3	Influence of cytochrome P450 polymorphisms on drug therapies: Pharmacogenetic, pharmacoepigenetic and clinical aspects. , 2007, 116, 496-526.		990
4	Candidate gene polymorphisms predicting individual sensitivity to opioids. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 377, 269-281.	3.0	32
5	Reply to the Letter to the Editor. Forensic Science International, 2008, 178, e17.	2.2	1
6	Codeine induced respiratory depression in a child. Paediatric Anaesthesia, 2008, 18, 272-273.	1.1	10
7	Authors' reply. Paediatric Anaesthesia, 2008, 18, 273-274.	1.1	11
8	Basic pharmacology relevant to drug abuse assessment: tramadol as example. Journal of Clinical Pharmacy and Therapeutics, 2008, 33, 101-108.	1.5	82
10	Respiratory Depression with Tramadol in a Patient with Renal Impairment and CYP2D6 Gene Duplication. Anesthesia and Analgesia, 2008, 107, 926-929.	2.2	160
11	Metabolomics: a tool for personalizing medicine?. Personalized Medicine, 2008, 5, 495-504.	1.5	8
12	Pharmacogenetics of analgesics: toward the individualization of prescription. Pharmacogenomics, 2008, 9, 905-933.	1.3	91
13	Postmenstrual Age and CYP2D6 Polymorphisms Determine Tramadol O-demethylation in Critically Ill Neonates and Infants. Pediatric Research, 2008, 63, 674-679.	2.3	56
14	Pharmacogenomic variability and anaesthesia. British Journal of Anaesthesia, 2009, 103, 14-25.	3.4	50
15	Perioperative Genomic Profiles Using Structure-Specific Oligonucleotide Probes. Clinical Medicine and Research, 2009, 7, 69-84.	0.8	6
16	Influence of number of calibration standards within a defined range on pharmacokinetic disposition—case studies with omeprazole and clopidogrel carboxylic acid. Biomedical Chromatography, 2010, 24, 544-549.	1.7	3
17	Pharmacogenomics and perioperative medicine: implications for modern clinical practice. Canadian Journal of Anaesthesia, 2009, 56, 467-468.	1.6	2
18	Role of active metabolites in the use of opioids. European Journal of Clinical Pharmacology, 2009, 65, 121-139.	1.9	95
19	Sudden death, especially in infancy — improvement of diagnoses by biochemistry, immunohistochemistry and molecular pathology. Legal Medicine, 2009, 11, S36-S42.	1.3	22

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20	Polymorphism of Human Cytochrome P450 2D6 and Its Clinical Significance. Clinical Pharmacokinetics, 2009, 48, 689-723.	3.5	604
21	Tramadol as an analgesic for mild to moderate cancer pain. Pharmacological Reports, 2009, 61, 978-992.	3.3	129
22	Effect of genetic factors on opioid action. Current Opinion in Anaesthesiology, 2009, 22, 476-482.	2.0	41
23	Differential outcomes from metabolic ratios in the identification of CYP2D6 phenotypesâ€“focus on venlafaxine and O-desmethylenlafaxine. European Journal of Clinical Pharmacology, 2010, 66, 879-887.	1.9	19
24	Pharmacogenetics and forensic toxicology. Forensic Science International, 2010, 203, 53-62.	2.2	56
26	Biological pathways and genetic variables involved in pain. Quality of Life Research, 2010, 19, 1407-1417.	3.1	33
27	Developmental pharmacology. Developmental Disabilities Research Reviews, 2010, 16, 233-238.	2.9	25
28	Enantiomeric determination of tramadol and O-desmethytramadol in human plasma by fast liquid chromatographic technique coupled with mass spectrometric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 481-486.	2.3	20
29	Pharmacogenetics in palliative care. Forensic Science International, 2010, 203, 63-70.	2.2	19
30	Preface. Forensic Science International, 2010, 203, 1-2.	2.2	10
31	Molecular pathology in forensic medicineâ€”Introduction. Forensic Science International, 2010, 203, 3-14.	2.2	53
32	Quantification in Postmortem Blood and Identification in Urine of Tramadol and Its Two Main Metabolites in Two Cases of Lethal Tramadol Intoxication. Journal of Analytical Toxicology, 2010, 34, 599-604.	2.8	24
33	Personalized therapy in pain management: where do we stand?. Pharmacogenomics, 2010, 11, 843-864.	1.3	71
34	Tolerance and Withdrawal From Prolonged Opioid Use in Critically Ill Children. Pediatrics, 2010, 125, e1208-e1225.	2.1	255
35	Adverse events in analgesic treatment with tramadol associated with CYP2D6 extensive-metaboliser and OPRM1 high-expression variants. Annals of the Rheumatic Diseases, 2010, 69, 1889-1890.	0.9	26
36	Opioide in der Medizin. , 2010, , .		49
37	Pharmacogenetics of antipsychotic treatment response and side effects. Therapy: Open Access in Clinical Medicine, 2010, 7, 191-198.	0.2	14
39	Network Analysis of Primary Hepatocyte Dedifferentiation Using a Shotgun Proteomics Approach. Journal of Proteome Research, 2010, 9, 2658-2668.	3.7	47

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40	Analytical toxicology. Exs, 2010, 100, 317-338.	1.4	27
41	Antagonistic Effects of Ondansetron and Tramadol? A Randomized Placebo and Active Drug Controlled Study. Journal of Pain, 2010, 11, 1274-1281.	1.4	28
42	Molecular, Clinical and Environmental Toxicology. Exs, 2010, , .	1.4	11
44	Predictive value of tissue oxygen saturation upon mortality in Emergency Department patients with sepsis. Critical Care, 2011, 15, .	5.8	0
45	Positive central-mixed venous oxygen saturation gradients: high oxygen saturation in the inferior vena cava confirms high splanchnic oxygen extraction. Critical Care, 2011, 15, .	5.8	0
46	Lactate index and survival in hospital-acquired septic shock. Critical Care, 2011, 15, .	5.8	0
47	Effect of minute ventilation on central venous-to-arterial carbon dioxide difference. Critical Care, 2011, 15, .	5.8	0
48	A pulmonary artery catheter-based treatment algorithm changes therapeutic behaviour in septic patients. Critical Care, 2011, 15, .	5.8	0
49	Performance of thermodilution catheters under control and extreme circulatory conditions in a pig model. Critical Care, 2011, 15, .	5.8	0
50	Measurement of cardiac output using the transpulmonary thermodilution method in the presence of high extravascular lung water in a pediatric animal model. Critical Care, 2011, 15, .	5.8	0
51	Hemodynamic effects of early endotoxemia on pulse pressure variation during experimental hemorrhagic shock. Critical Care, 2011, 15, .	5.8	0
52	Delta central venous pressure and dynamic indices of preload in postsurgical ICU patients. Critical Care, 2011, 15, .	5.8	0
53	Comparison between pulse pressure variation and conventional parameters as guides to resuscitation in a pig model of acute hemorrhagic shock with endotoxemia. Critical Care, 2011, 15, .	5.8	0
54	Fluid resuscitation based on dynamic predictors of fluid responsiveness: closed loop algorithm versus anesthesiologists. Critical Care, 2011, 15, .	5.8	1
55	A strong relationship between respiratory variations in pulse pressure (PPV) and airway pressure in fluid nonresponders: a potential explanation for false positive PPV values. Critical Care, 2011, 15, .	5.8	0
56	Prediction of fluid responsiveness in septic shock patients: comparing automated pulse pressure variation by IntelliVue MP monitor and stroke volume variation by FloTrac®, Vigileo®, etc. Critical Care, 2011, 15, .	5.8	0
57	Dynamic indices of preload in postcardiac surgery patients by pulse power analysis. Critical Care, 2011, 15, .	5.8	0
58	Cardiac cycle efficiency as prognostic index in ICUs. Critical Care, 2011, 15, .	5.8	0

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59	Evaluation of pulse pressure variation with different inhaled concentrations of desflurane, sevoflurane and isoflurane in pigs. Critical Care, 2011, 15, .	5.8	0
60	E/Ea ratio could not predict fluid response in ICU mechanically ventilated patients. Critical Care, 2011, 15, .	5.8	0
61	Comparison between MostCare and echocardiography for cardiac output estimation in trauma patients. Critical Care, 2011, 15, .	5.8	0
62	Comparison of stroke volume changes of LiDCO ⁺ and Flotrac ⁺ during postoperative hemodynamic optimization. Critical Care, 2011, 15, .	5.8	0
63	A clinical pilot study to evaluate the correlation between pulse wave velocity and cardiac output during elective surgery. Critical Care, 2011, 15, .	5.8	0
64	LiDCOrapid and PiCCOplus preload response parameter validation study. Critical Care, 2011, 15, .	5.8	1
65	Comparison of cardiac index: LiDCOrapid and PiCCOplus in the ICU. Critical Care, 2011, 15, .	5.8	0
66	Pressure recording analytical method versus PiCCO in hemodynamic unstable patients. Critical Care, 2011, 15, .	5.8	0
67	Prediction of fluid responsiveness with the LiDCO system. Critical Care, 2011, 15, .	5.8	0
68	Predictors of fluid responsiveness in patients with acute liver failure. Critical Care, 2011, 15, .	5.8	1
69	Functional haemodynamic monitoring: the relative merits of SVV, SPV and PPV as measured by the LiDCOrapid in predicting fluid responsiveness in high-risk surgical patients. Critical Care, 2011, 15, .	5.8	0
70	Pressure recording analytical method for cardiac output monitoring in children with congenital heart disease. Critical Care, 2011, 15, .	5.8	0
71	Accuracy of stroke volume variation as a predictor of volume responsiveness in patients with raised intra-abdominal pressure. Critical Care, 2011, 15, .	5.8	0
72	Perfusion index as a predictor for central hypovolemia in humans. Critical Care, 2011, 15, .	5.8	2
73	Carotid blood flow is correlated with cardiac output but not with arterial blood pressure in porcine fecal peritonitis. Critical Care, 2011, 15, .	5.8	0
74	Afterload-related cardiac performance: a hemodynamic parameter with prognostic relevance in patients with sepsis in the Emergency Department. Critical Care, 2011, 15, .	5.8	3
75	Evaluation of a continuous non-invasive arterial blood pressure monitoring device in comparison with an arterial blood pressure measurement in the ICU. Critical Care, 2011, 15, .	5.8	0
76	Brachial cuff measurements for fluid responsiveness prediction in the critically ill. Critical Care, 2011, 15, .	5.8	0

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77	Validation of non-invasive hemodynamic monitoring with Nexfin in critically ill patients. Critical Care, 2011, 15, .	5.8	6
78	Pleth Variability Index predicts fluid responsiveness in critically ill patients. Critical Care, 2011, 15, .	5.8	4
79	Dynamics of peripheral perfusion parameters in elective coronary artery bypass graft patients. Critical Care, 2011, 15, .	5.8	1
80	Maintenance of arterial catheters with heparin: should we continue?. Critical Care, 2011, 15, .	5.8	3
81	Validation of continuous intragastric pressure measurement and correlation with intramucosal pH in a pig model. Critical Care, 2011, 15, .	5.8	0
82	End-tidal carbon dioxide levels predict cardiac arrest. Critical Care, 2011, 15, .	5.8	0
83	NT-proBNP and troponin I in acute liver failure: do they predict cardiac dysfunction?. Critical Care, 2011, 15, .	5.8	0
84	Endothelial glycocalyx disruption after cardiac surgery in infants. Critical Care, 2011, 15, .	5.8	1
85	Microcirculatory changes during hyperoxia in a porcine model of ruptured abdominal aneurysm. Critical Care, 2011, 15, .	5.8	0
86	Impact of synthetic colloids on organ function in patients with severe sepsis. Critical Care, 2011, 15, .	5.8	0
87	Intraoperative effectiveness of crystalloid and colloid volume substitution in patients undergoing elective major urological surgery by maintenance of the cardiac index within normal range. Critical Care, 2011, 15, .	5.8	0
88	Dilution with three different solutions: plasmatic effects and quantity and quality of urinary output. Critical Care, 2011, 15, .	5.8	0
89	Efficacy and safety of 10% HES 130/0.4 versus 10% HES 200/0.5 for plasma volume expansion in cardiac surgery patients. Critical Care, 2011, 15, .	5.8	1
90	Nicorandil versus nitroglycerin: a pilot study. Critical Care, 2011, 15, .	5.8	1
91	Dopamine versus norepinephrine in septic shock: a meta-analysis. Critical Care, 2011, 15, .	5.8	5
92	Comparative evaluation of therapeutic interventions during hemorrhagic shock. Critical Care, 2011, 15, .	5.8	0
93	Effects of vasopressinergic V1 receptor agonists on sublingual microcirculatory blood flow in patients with catecholamine-dependent septic shock. Critical Care, 2011, 15, .	5.8	0
94	Vasopressin for the treatment of vasodilatory shock: an ESICM systematic review and a meta-analysis. Critical Care, 2011, 15, .	5.8	0

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95	Effects of early versus delayed terlipressin infusion on hemodynamics and catecholamine requirements in ovine septic shock. Critical Care, 2011, 15, .	5.8	1
96	Levosimendan in trauma patients with acute cardiac failure. Critical Care, 2011, 15, .	5.8	0
97	Treatment of calcium channel blocker overdose with levosimendan. Critical Care, 2011, 15, .	5.8	1
98	Effect of different antioxidants in ischemia-reperfusion syndrome. Critical Care, 2011, 15, .	5.8	1
99	Searching for mechanisms that matter in septic acute kidney injury: an experimental study. Critical Care, 2011, 15, .	5.8	0
100	Raised serum creatinine at admission to critical care is independently associated with mortality in patients with decompensated alcoholic liver disease. Critical Care, 2011, 15, .	5.8	0
101	Contrast-induced nephropathy in ITU patients: outcomes of a university hospital re-audit. Critical Care, 2011, 15, .	5.8	0
102	Evaluation of acute kidney injury with pediatric-modified RIFLE criteria after pediatric cardiac surgery. Critical Care, 2011, 15, .	5.8	0
103	Acute kidney injury after coronary artery bypass grafting surgery. Critical Care, 2011, 15, .	5.8	2
104	Increased severity of acute kidney injury does not increase long-term mortality. Critical Care, 2011, 15, .	5.8	0
105	Any level of acute kidney injury may be associated with mortality in critically ill patients. Critical Care, 2011, 15, .	5.8	0
106	A comparison of four methods to define timing of acute kidney injury. Critical Care, 2011, 15, .	5.8	0
107	Validation of the AKIN criteria definition using high-resolution ICU data from the MIMIC-II database. Critical Care, 2011, 15, .	5.8	1
108	Urine biomarkers for gentamicin-induced acute kidney injury in the neonatal ICU. Critical Care, 2011, 15, .	5.8	0
109	Neutrophil gelatinase-associated lipocalin in ICU patients developing oliguria. Critical Care, 2011, 15, .	5.8	0
110	Use of Doppler ultrasound renal resistive index and neutrophil gelatinase-associated lipocalin in prediction of acute kidney injury in patients with septic shock. Critical Care, 2011, 15, .	5.8	3
111	Removal of drug delivered via a central venous catheter by a dual-lumen haemodiafiltration catheter inserted at the same site: a quantitative flow model. Critical Care, 2011, 15, .	5.8	0
112	Effect of total parenteral nutrition on the duration of haemofilter circuit. Critical Care, 2011, 15, .	5.8	1

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113	Effects of ultrafiltration on systemic hemodynamics and microcirculatory perfusion in patients with end-stage kidney disease. Critical Care, 2011, 15, .	5.8	0
114	Best prediction for need of dialysis following cardiac surgery is obtained with the Thakar model. Critical Care, 2011, 15, .	5.8	0
115	Hypercalcemia during renal replacement therapy after liver transplantation. Critical Care, 2011, 15, .	5.8	0
116	In vitro evaluation of HMGB1 removal with various membranes for continuous hemofiltration. Critical Care, 2011, 15, .	5.8	2
117	Sustained high-efficiency daily diafiltration using a cytokine-adsorbing membrane in the treatment of patients with severe sepsis. Critical Care, 2011, 15, .	5.8	2
118	Model-based cardiovascular monitoring of large pore hemofiltration during endotoxic shock in pigs. Critical Care, 2011, 15, .	5.8	1
119	Different effect of CVVHDF and coupled plasma filtration and adsorption on IL-6 and procalcitonin in sepsis. Critical Care, 2011, 15, .	5.8	2
120	Effectiveness of continuous venovenous hemodiafiltration using a polymethylmethacrylate membrane hemofilter judging from a multiplex suspension array system in septic shock patients. Critical Care, 2011, 15, .	5.8	1
121	Re-evaluation of direct hemoperfusion with polymyxin-B immobilized fiber for severe sepsis and septic shock. Critical Care, 2011, 15, .	5.8	0
122	Extended duration of direct hemoperfusion with polymyxin B-immobilized fiber column improves hemodynamics in patients with septic shock. Critical Care, 2011, 15, .	5.8	0
123	Use of activated clotting time to monitor anticoagulation in patients receiving unfractionated heparin on renal replacement therapy. Critical Care, 2011, 15, .	5.8	0
124	Single-dose application of antithrombin III as alternative anticoagulation during extracorporeal therapy in critically ill patients with advanced liver cirrhosis: a retrospective data analysis. Critical Care, 2011, 15, .	5.8	1
125	Safety of drotrecogin alfa (activated) treatment in patients with severe sepsis on renal replacement therapy without additional anticoagulation. Critical Care, 2011, 15, .	5.8	0
126	Association between type of anticoagulation and blood transfusion requirements during renal replacement therapy in the ICU. Critical Care, 2011, 15, .	5.8	0
127	Economic argument for citrate haemofiltration. Critical Care, 2011, 15, .	5.8	1
128	Multicenter prospective observational study on safety and efficacy of regional citrate anticoagulation in CVVHD in the presence of liver failure: the Liver Citrate Anticoagulation Threshold Study (L-CAT). Critical Care, 2011, 15, .	5.8	4
129	Regional citrate anticoagulation in high-volume continuous venovenous hemodialysis. Critical Care, 2011, 15, .	5.8	0
130	Systemic citrate load during continuous renal replacement therapy is not negligible and can be predicted using indirect methods. Critical Care, 2011, 15, .	5.8	0

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131	Use of 2-hourly creatinine clearance to inform cessation of renal replacement therapy. Critical Care, 2011, 15, .	5.8	2
132	NT-proBNP, troponin I and troponin T are elevated in ARDS patients without structural heart disease: a single initial reading of cardiac markers is not different from serial daily readings. Critical Care, 2011, 15, .	5.8	0
133	Comparison of three different multi-analyte point-of-care devices during clinical routine on a medical ICU. Critical Care, 2011, 15, .	5.8	0
134	Appropriate regulation of routine laboratory testing can reduce the costs associated with patient stay in intensive care. Critical Care, 2011, 15, .	5.8	8
135	Contribution of red blood cells to the compensation for hypocapnic alkalosis through plasmatic strong ion difference variations. Critical Care, 2011, 15, .	5.8	1
136	Interactive visual analysis of a large ICU database: a novel approach to data analysis. Critical Care, 2011, 15, .	5.8	1
137	Base excess can be misleading in acute respiratory acidosis. Critical Care, 2011, 15, .	5.8	4
138	Prescription and clinical impact of chest radiographs in 104 French ICUs: the RadioDay Study. Critical Care, 2011, 15, .	5.8	0
139	Intraosseous blood aspirates analysed by a portable cartridge-based device. Critical Care, 2011, 15, .	5.8	1
140	Capnography activation is improved by better ventilator interface ergonomics. Critical Care, 2011, 15, .	5.8	1
141	Impact of cardiac arrest duration on extravascular lung water and pulmonary vascular permeability in patients with postcardiac arrest syndrome: a prospective observational study. Critical Care, 2011, 15, .	5.8	0
142	Ultrasonography is a valuable non-invasive tool for determining extravascular lung water in severe sepsis. Critical Care, 2011, 15, .	5.8	0
143	Indexing extravascular lung water to predicted body weight increases the correlation with lung injury score in patients with acute lung injury/acute respiratory distress syndrome: a prospective, multicenter study conducted in a Japanese population. Critical Care, 2011, 15, .	5.8	0
144	Feasibility of continuous exhaled breath analysis in intubated and mechanically ventilated critically ill patients. Critical Care, 2011, 15, .	5.8	0
145	Pattern of cytokines and chemokines in exhaled breath condensate is related to the characteristics of mechanical ventilation. Critical Care, 2011, 15, .	5.8	0
146	Divergent changes in regional pulmonary filling characteristics during endotoxin-induced acute lung injury in pigs. Critical Care, 2011, 15, .	5.8	0
147	Electrical impedance tomography to monitor regional tidal ventilation at different pressure support levels. Critical Care, 2011, 15, .	5.8	1
148	Endotracheal cuff pressure: role of tracheal size and cuff volume. Critical Care, 2011, 15, .	5.8	3

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149	A survey of healthcare professionals' knowledge of emergency oxygen use in adult patients. Critical Care, 2011, 15, .	5.8	0
150	Weaning from NIV: how rapidly can we go?. Critical Care, 2011, 15, .	5.8	0
151	Factors associated with non-invasive ventilation response on the first day of therapy in patients with hypercapnic respiratory failure. Critical Care, 2011, 15, .	5.8	0
152	Formal airway assessment prior to emergency tracheal intubation: a regional survey of usual practice. Critical Care, 2011, 15, .	5.8	0
153	Urgent orotracheal intubation in critically ill patients. Critical Care, 2011, 15, .	5.8	0
154	Propofol is the induction agent of choice for urgent intubations with UK physicians. Critical Care, 2011, 15, .	5.8	0
155	Frequency and significance of post-intubation hypotension during emergency airway management. Critical Care, 2011, 15, .	5.8	4
156	Clinical experiences with a new endobronchial blocking device: the EZ-Blocker. Critical Care, 2011, 15, .	5.8	0
157	Rohrer's constant, k2, as a factor for determining endotracheal tube obstruction. Critical Care, 2011, 15, .	5.8	0
158	Acute desaturation in intubated patients. Critical Care, 2011, 15, .	5.8	1
159	Continuous control of tracheal cuff pressure and microaspiration of gastric contents: a randomized controlled study. Critical Care, 2011, 15, .	5.8	3
160	Outcome of tracheostomy timing on critically ill adult patients undergoing mechanical ventilation: a retrospective observational study. Critical Care, 2011, 15, .	5.8	0
161	Duration of mechanical ventilation on the result of diaphragmatic function in weaning. Critical Care, 2011, 15, .	5.8	0
162	Hand-grip test is a good predictor of extubation success in adult ICU patients. Critical Care, 2011, 15, .	5.8	1
163	Use of NT-proBNP in weaning from mechanical ventilation. Critical Care, 2011, 15, .	5.8	1
164	Efficacy of implementation strategies of an evidenced-based awakening and breathing protocol. Critical Care, 2011, 15, .	5.8	0
165	Can we predict left ventricular dysfunction-induced weaning failure? Invasive and echocardiographic evaluation. Critical Care, 2011, 15, .	5.8	1
166	High-flow oxygen therapy through nasal cannulae versus low-flow oxygen therapy via Venturi mask after extubation in adult, critically ill patients. Critical Care, 2011, 15, .	5.8	6

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167	Post-intubation tracheal stenosis in the ICU: diagnosis and treatment. Critical Care, 2011, 15, .	5.8	0
168	Can extubation failure be related to high unit activity?. Critical Care, 2011, 15, .	5.8	0
169	Decannulation: in the ICU or in the ward? Does it really matter?. Critical Care, 2011, 15, .	5.8	0
170	Assessment of the impact of unplanned extubation on ICU patient outcome. Critical Care, 2011, 15, .	5.8	2
171	Outcome and complications in infants with respiratory failure: venovenous two-site versus double-lumen ECMO. Critical Care, 2011, 15, .	5.8	0
172	Weaning-induced alterations in cardiac function: invasive and echocardiographic assessment. Critical Care, 2011, 15, .	5.8	0
173	Impact of open lung ventilation on right ventricular outflow impedance assessed by transoesophageal echocardiography. Critical Care, 2011, 15, .	5.8	0
174	Lung sound amplitude measured by vibration response imaging is influenced by the presence of secretions. Critical Care, 2011, 15, .	5.8	0
175	Continuous elevation of lung sound amplitudes, recorded at fixed flow rate, may indicate an increase in lung water content. Critical Care, 2011, 15, .	5.8	2
176	Impact of normocapnic and permissive hypercapnic one-lung ventilation on arterial oxygenation. Critical Care, 2011, 15, .	5.8	0
177	Titration of analgo-sedation with neurally adjusted ventilatory assist in the ICU. Critical Care, 2011, 15, .	5.8	0
178	Early prognostic indices for weaning after long-term mechanical ventilation. Critical Care, 2011, 15, .	5.8	0
179	Alveolar morphology depends on ventilator settings: lessons from in vivo alveolar microscopy under static and dynamic conditions. Critical Care, 2011, 15, .	5.8	0
180	Ventilatory ratio: validation in an ex vivo model and analysis in ARDS/ALI patients. Critical Care, 2011, 15, .	5.8	0
181	Therapy with recombinant human antithrombin, heparin and tissue plasminogen activator improves survival and reduces ventilation days in a long-term ovine model of cutaneous burn and smoke inhalation injury. Critical Care, 2011, 15, .	5.8	2
182	Hypercapnic acidosis transiently weakens hypoxic pulmonary vasoconstriction in anesthetized pigs, without affecting the endogenous pulmonary nitric oxide production. Critical Care, 2011, 15, .	5.8	0
183	Stenotrophomonas maltophilia in the respiratory tract of medical ICU patients. Critical Care, 2011, 15, .	5.8	0
184	Hospital-acquired pneumonia is associated with deficient $\hat{1}^3\text{c}$ -cytokine gene expression. Critical Care, 2011, 15, .	5.8	1

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185	Clinical aspects and predictors of mortality of <i>Pseudomonas aeruginosa</i> pneumonia in a cohort of critically ill patients. Critical Care, 2011, 15, .	5.8	0
186	Safety and efficacy of intratracheal DNase with physiotherapy in severe status asthmaticus. Critical Care, 2011, 15, .	5.8	6
187	Relation between mortality rate, duration of hospitalization and levels of TNF α , IL-6 and catalase at admission of cases to the emergency department with COPD attack. Critical Care, 2011, 15, .	5.8	1
188	Induced hypothermia is protective in a rat model of pneumococcal pneumonia. Critical Care, 2011, 15, .	5.8	0
189	Incidence of and risk factors for nonrespiratory acute organ failure in ICU patients receiving respiratory support: a pilot international cohort study. Critical Care, 2011, 15, .	5.8	0
190	Pharmacological randomized controlled trials in acute respiratory distress syndrome mortality. Critical Care, 2011, 15, .	5.8	0
191	Positive end-expiratory pressure improves oxygenation inducing ventral-to-dorsal tidal ventilation redistribution: an electrical impedance tomography study. Critical Care, 2011, 15, .	5.8	0
192	Neurally adjusted ventilatory assist reduces asynchrony and patient effort in severe acute respiratory distress syndrome patients undergoing extracorporeal membrane oxygenation. Critical Care, 2011, 15, .	5.8	0
193	Danger signal uric acid is involved in ventilator-induced lung injury pathogenesis. Critical Care, 2011, 15, .	5.8	2
194	High-frequency oscillatory ventilation in adults: experience in Chile. Critical Care, 2011, 15, .	5.8	0
195	Stress-strain relationship in pulmonary cells under bidirectional stretch application. Critical Care, 2011, 15, .	5.8	0
196	Optimal positive end-expiratory pressure in mechanically ventilated patients: a clinical study. Critical Care, 2011, 15, .	5.8	0
197	Flow-balanced expiration reduces oedema formation in a porcine oleic acid lung injury model. Critical Care, 2011, 15, .	5.8	0
198	Positive changes in the continuous desaturation index during mechanical ventilation are associated with mortality due to acute respiratory failure. Critical Care, 2011, 15, .	5.8	0
199	Strain threshold for ventilator-induced lung injury. Critical Care, 2011, 15, .	5.8	0
200	Do athletes require a higher tidal volume? An approach using predicted versus measured PFTs. Critical Care, 2011, 15, .	5.8	0
201	Potential reduction of ventilator-associated pneumonia by a novel peristaltic feeding tube: initial evaluation of safety and efficacy in a pig model and humans. Critical Care, 2011, 15, .	5.8	0
202	Respiratory variability in mechanically ventilated patients. Critical Care, 2011, 15, .	5.8	0

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203	Suspended animation-inducer hydrogen sulphide protects against organ injury during endotoxemia, but aggravates systemic inflammation. Critical Care, 2011, 15, .	5.8	0
204	Dead space fraction indicates the titration of optimal positive end-expiratory pressure after recruitment in acute respiratory distress syndrome. Critical Care, 2011, 15, .	5.8	1
205	Dynamic distribution of conventional dendritic cells in the lung, blood and spleen from the early phase of sepsis-induced acute lung injury. Critical Care, 2011, 15, .	5.8	1
206	A radiological visual scale to predict the potentially recruitable lung in ALI/ARDS patients. Critical Care, 2011, 15, .	5.8	1
207	Interactions of nebulized heparin with intravenous antithrombin for combined therapy of acute lung injury. Critical Care, 2011, 15, .	5.8	2
208	Thrombopoietin may enhance ventilator-induced lung injury. Critical Care, 2011, 15, .	5.8	2
209	Indoleamine-2,3-dioxygenase activity induces neutrophil apoptosis. Critical Care, 2011, 15, .	5.8	7
210	Defining sepsis in the ICU: a sensitivity analysis. Critical Care, 2011, 15, .	5.8	0
211	Analysis of nosocomial bacteremia in an ICU during 16 months. Critical Care, 2011, 15, .	5.8	1
212	Delayed ICU admission with community-acquired severe sepsis greatly increases mortality and resource use. Critical Care, 2011, 15, .	5.8	3
213	Septic shock in a cohort of patients from the northeast of France: a preliminary epidemiological study, EPISS group. Critical Care, 2011, 15, .	5.8	0
214	Long-term effects of an in-hospital program on sepsis management in the ICU. Critical Care, 2011, 15, .	5.8	0
215	Extending the classification of healthcare-associated bloodstream infection to other main foci: respiratory, urinary and intra-abdominal. Critical Care, 2011, 15, .	5.8	0
216	Healthcare-associated infection: do doctors recognize this group of patients?. Critical Care, 2011, 15, .	5.8	0
217	Sustainability of an antimicrobial stewardship program in a community hospital ICU at 3 months post implementation. Critical Care, 2011, 15, .	5.8	0
218	Attention to electronic prescription process improves time to first-dose antibiotics in patients on the ICU. Critical Care, 2011, 15, .	5.8	0
219	An audit of antibiotic dosing according to renal function or renal replacement therapy in critical care. Critical Care, 2011, 15, .	5.8	0
220	De-escalation of antimicrobial therapy in Gram-negative sepsis: easier said than done?. Critical Care, 2011, 15, .	5.8	1

#	ARTICLE	IF	CITATIONS
221	Impact of the adequacy of antibiotic therapy on the outcome of ventilator-associated pneumonia. Critical Care, 2011, 15, .	5.8	0
222	Aetiology of pneumonia in the ICU: the need for early Gram-negative cover. Critical Care, 2011, 15, .	5.8	0
223	Respiratory failure in cancer patients with influenza A (H1N1) is associated with poor prognosis. Critical Care, 2011, 15, .	5.8	1
224	Hemodynamic and echocardiographic characteristics in severe novel influenza A (H1N1) pneumonia. Critical Care, 2011, 15, .	5.8	1
225	Gram-positive nosocomial infections in a general ICU: emerging new clues. Critical Care, 2011, 15, .	5.8	1
226	Prevalence of Gram-negative bacilli resistance in adult critically ill patients at admission screening. Critical Care, 2011, 15, .	5.8	0
227	Risk factors to bloodstream infection due multidrug-resistant Results Acinetobacter baumannii in colonized patients in the ICU. Critical Care, 2011, 15, .	5.8	0
228	Blood cultures at central line insertion: a comparison with peripheral venipuncture. Critical Care, 2011, 15, .	5.8	0
229	Higher incidence of catheter-related bloodstream infection in femoral venous access than in subclavian venous access in the presence of tracheostomy. Critical Care, 2011, 15, .	5.8	0
230	Polyhexanide anti-infective coating of central venous catheters in prevention of catheter colonization and bloodstream infection: Study HC-G-H-0507. Critical Care, 2011, 15, .	5.8	6
231	Central line change in potential catheter-related bloodstream infection: target for intervention to reduce harm. Critical Care, 2011, 15, .	5.8	0
232	Clostridium difficile-associated diarrhoea in a tertiary referral neurocritical care centre. Critical Care, 2011, 15, .	5.8	2
233	A creep in the vancomycin minimum inhibitory concentration for Staphylococcus aureus in a tertiary care hospital in India. Critical Care, 2011, 15, .	5.8	0
234	Prognostic impact of imported and newly-isolated methicillin-resistant Staphylococcus aureus in the ICU. Critical Care, 2011, 15, .	5.8	0
235	Increased mortality associated with methicillin-resistant Staphylococcus aureus infection in the ICU: results from the EPIC II study. Critical Care, 2011, 15, .	5.8	0
236	Intrathecal (intraventricular) polymyxin B in the treatment of patients with meningoencephalitis by Acinetobacter baumannii and Pseudomonas aeruginosa. Critical Care, 2011, 15, .	5.8	1
237	Effects of tigecycline and doxycycline in porcine endotoxemia. Critical Care, 2011, 15, .	5.8	0
238	Blood transfusions: an independent risk factor for the development of Candida infections in critically ill surgical patients. Critical Care, 2011, 15, .	5.8	2

#	ARTICLE	IF	CITATIONS
239	Demographic and outcome differences in ICU patients with proven invasive candidiasis, possible invasive candidiasis and probable candida colonization: analysis of the EPIC II study population. Critical Care, 2011, 15, .	5.8	0
240	Chinese survey of candidasis in ICUs: China-SCAN study. Critical Care, 2011, 15, .	5.8	0
241	Anidulafungin for candidemia/invasive candidiasis in non-neutropenic ICU patients. Critical Care, 2011, 15, .	5.8	0
242	Pharmacokinetics of micafungin in patients with severe burn injuries. Critical Care, 2011, 15, .	5.8	0
243	Invasive aspergillosis in critically ill hematology patients: outcomes and prognostic factors associated with mortality. Critical Care, 2011, 15, .	5.8	1
244	Effects of endotoxin on pacemaker funny current in HEK 293 cells. Critical Care, 2011, 15, .	5.8	0
245	Influence of an immunoglobulin-enriched (IgG, IgA, IgM) solution on activation and immunomodulatory functions of peripheral blood mononuclear cells in a LPS second-hit model. Critical Care, 2011, 15, .	5.8	2
246	Lipopolysaccharide induces mitochondrial dysfunction in rat cardiac microvascular endothelial cells. Critical Care, 2011, 15, .	5.8	3
247	Monocyte subset recruitment to the peritoneum following abdominal surgical incision in mice. Critical Care, 2011, 15, .	5.8	0
248	Influence of body mass index on the innate immune response during human endotoxemia. Critical Care, 2011, 15, .	5.8	0
249	Effect of bacterial load versus duration of exposure to bacteria on plasma TNF α concentrations in porcine fecal peritonitis. Critical Care, 2011, 15, .	5.8	0
250	Does leukocyte apoptosis play any role in the pathogenesis of experimental pancreatitis?. Critical Care, 2011, 15, .	5.8	0
251	IFN γ prolongs survival in experimental Escherichia coli pyelonephritis: implications for favorable phagocytosis. Critical Care, 2011, 15, .	5.8	0
252	Regulation of endothelial function by coagulation proteases in sepsis. Critical Care, 2011, 15, .	5.8	1
253	Effect of HO-3089 PARP inhibitor on inflammatory response. Critical Care, 2011, 15, .	5.8	0
254	Inflammatory mediator modulation with specific or selective adsorbents. Critical Care, 2011, 15, .	5.8	0
255	Honokiol attenuates the severity of acute pancreatitis-associated lung injury by acceleration of acinar cell apoptosis. Critical Care, 2011, 15, .	5.8	0
256	Impact of modulation of the endocannabinoid system on the intestinal microcirculation in experimental sepsis. Critical Care, 2011, 15, .	5.8	2

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257	Desmopressin improves intestinal functional capillary density and decreases leucocyte activation in experimental endotoxemia in the rat. Critical Care, 2011, 15, .	5.8	0
258	Hypoxic NO-donor nitrite protects sGC-dependently against morbidity and mortality associated with sterile inflammatory shock in mice. Critical Care, 2011, 15, .	5.8	0
259	Interplay between the innate immune response and heart rate variability in healthy human volunteers. Critical Care, 2011, 15, .	5.8	0
260	Different correlations between lymphocyte subsets from patients with intra-abdominal sepsis and pneumonia-derived sepsis. Critical Care, 2011, 15, .	5.8	0
261	AZD9773 is a novel and potent anti-TNF α polyclonal ovine immune Fab. Critical Care, 2011, 15, .	5.8	0
262	Preclinical pharmacodynamics and safety profiling of AZD9773: a novel anti-TNF α polyclonal immune ovine Fab similar to D-CytoFab. Critical Care, 2011, 15, .	5.8	0
263	Safety and tolerability of an ovine-derived polyclonal anti-TNF α Fab fragment (AZD9773) in patients with severe sepsis. Critical Care, 2011, 15, .	5.8	1
264	Evaluation of eritoran tetrasodium (E5564), a TLR4 antagonist, on the QTc interval in healthy subjects. Critical Care, 2011, 15, .	5.8	0
265	Safety, pharmacokinetics, and pharmacodynamics of 4-hour intravenous infusion of eritoran tetrasodium in healthy Japanese and Caucasian males. Critical Care, 2011, 15, .	5.8	0
266	Dipyridamole modulates the innate immune response during human endotoxemia. Critical Care, 2011, 15, .	5.8	1
267	Use of statins in community-acquired pneumonia in intensive care settings: is there a survival advantage?. Critical Care, 2011, 15, .	5.8	2
268	Atorvastatin for preventing the progression of sepsis to severe sepsis (ASEPSIS Trial): a randomised, double-blind, placebo-controlled trial (ISRCTN64637517). Critical Care, 2011, 15, .	5.8	6
269	Kinetics of immunoglobulins in septic shock patients. Critical Care, 2011, 15, .	5.8	1
270	Plasma DNA concentration as an early predictor of outcome in critically ill septic patients. Critical Care, 2011, 15, .	5.8	0
271	C-reactive protein as an early marker of sepsis resolution: results from the Portuguese Community-acquired Sepsis Study (SACiUCI study). Critical Care, 2011, 15, .	5.8	7
272	Effect of including procalcitonin and C-reactive protein in the Mortality in Emergency Department Sepsis risk prediction model. Critical Care, 2011, 15, .	5.8	0
273	Prognostic value of routinely assessed serum biomarkers in septic shock. Critical Care, 2011, 15, .	5.8	0
274	N-terminal pro-BNP predicts mortality better than procalcitonin in abdominal severe sepsis and septic shock. Critical Care, 2011, 15, .	5.8	0

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275	Prognostic value of proadrenomedullin in severe sepsis and septic shock patients with community-acquired pneumonia. Critical Care, 2011, 15, .	5.8	3
276	Influence of TIMP-1/MMP-9 ratio on the severity and mortality in sepsis. Critical Care, 2011, 15, .	5.8	0
277	Impact of pro-domain stability of matrix metalloproteinase-8 on the outcome of sepsis. Critical Care, 2011, 15, .	5.8	3
278	Pentraxin 3 levels from bronchoalveolar lavage of critically ill patients predict lung infection. Critical Care, 2011, 15, .	5.8	0
279	Increased levels of soluble triggering receptor expressed on myeloid cells sTREM1 in ICU patients with cardiovascular disease and associated organ dysfunction. Critical Care, 2011, 15, .	5.8	2
280	Bronchoalveolar lavage/blood ratio of surface TREM-1 on CD14-positive monocytes is diagnostic of ventilator-associated pneumonia. Critical Care, 2011, 15, .	5.8	0
281	Angiotensin-converting enzyme (ACE) insertion/deletion polymorphism and circulating ACE levels are not associated with outcome in septic critically ill patients. Critical Care, 2011, 15, .	5.8	1
282	Comparison of the effects of recombinant human soluble thrombomodulin for systemic inflammatory response syndrome-associated coagulopathy with and without continuous hemodiafiltration. Critical Care, 2011, 15, .	5.8	0
283	Microcirculatory effect of hyperbaric oxygen therapy in septic patients. Critical Care, 2011, 15, .	5.8	2
284	Lipid metabolism in critically ill patients: a microdialysis study. Critical Care, 2011, 15, .	5.8	0
285	Does each element of the sepsis resuscitation bundle equally improve patient outcome?. Critical Care, 2011, 15, .	5.8	0
286	Multicenter trial of a perioperative protocol to reduce mortality in critically ill patients with peptic ulcer perforation: the PULP trial. Critical Care, 2011, 15, .	5.8	1
287	Effect of organ failure on outcomes in neutropenic sepsis. Critical Care, 2011, 15, .	5.8	0
288	Belgian dispatchers' telephone cardiopulmonary resuscitation protocol training: an evaluation study. Critical Care, 2011, 15, .	5.8	3
289	Comparison of the Mapleson C circuit, 500 ml and 1.6 l self-inflating bags for delivering guideline-compliant ventilation during simulated adult cardiopulmonary resuscitation. Critical Care, 2011, 15, .	5.8	0
290	Comparison of nifekalant and amiodarone for resuscitation after cardiopulmonary arrest due to shock-resistant ventricular fibrillation. Critical Care, 2011, 15, .	5.8	3
291	Implementation of the FAST emergency vehicle pre-emption system may improve the outcomes of out-of-hospital cardiac arrests: a 7-year observational study. Critical Care, 2011, 15, .	5.8	0
292	Responsiveness to EMT-performed basic CPR and its duration predict unachievable sustained return of spontaneous circulation and unavoidable hospital death in unwitnessed out-of-hospital cardiac arrests without bystander CPR. Critical Care, 2011, 15, .	5.8	0

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293	Is intraosseous access a safe option in adult cardiac arrest? A review of the literature. Critical Care, 2011, 15, .	5.8	1
294	A survey on laypersons' willingness in performing cardiopulmonary resuscitation. Critical Care, 2011, 15, .	5.8	2
295	Effects and limitations of an automated external defibrillator with audiovisual feedback for cardiopulmonary resuscitation: a randomized manikin study. Critical Care, 2011, 15, .	5.8	0
296	Introduction of the 2005 cardiopulmonary resuscitation guidelines did not increase return of spontaneous circulation in a physician-staffed prehospital emergency medical system. Critical Care, 2011, 15, .	5.8	0
297	Subarachnoid hemorrhage and cardiac arrest: should every resuscitated patient receive cranial imaging?. Critical Care, 2011, 15, .	5.8	0
298	Predicting survival in cardiac arrest patients admitted to intensive care using the Prognosis After Resuscitation score. Critical Care, 2011, 15, .	5.8	2
299	Survival after cardiac arrest: what is the situation in Lithuania?. Critical Care, 2011, 15, .	5.8	0
300	Prognosis after cardiac arrest. Critical Care, 2011, 15, .	5.8	0
301	Incidence of lower respiratory tract infections in patients treated with post-cardiac arrest mild therapeutic hypothermia and selective digestive tract decontamination. Critical Care, 2011, 15, .	5.8	0
302	Earlier intra-arrest transnasal cooling may be beneficial. Critical Care, 2011, 15, .	5.8	0
303	Hyperoxia post cardiac arrest: experience of a UK ICU. Critical Care, 2011, 15, .	5.8	1
304	Ammonia and lactate blood levels on hospital arrival predict neurological outcome in patients with out-of-hospital cardiac arrest. Critical Care, 2011, 15, .	5.8	0
305	Use of the Medicooolâ„¢ cooling system to increase efficacy of therapeutic hypothermia post cardiac arrest. Critical Care, 2011, 15, .	5.8	0
306	Choline kinetics in patients undergoing hypothermia treatment: a case observation in six cardiac arrest patients. Critical Care, 2011, 15, .	5.8	0
307	Employing knowledge translation interventions to increase the use of therapeutic hypothermia post arrest: the SPARC Network Trial. Critical Care, 2011, 15, .	5.8	0
308	Microvascular dysfunction in patients after successful resuscitation. Critical Care, 2011, 15, .	5.8	0
309	Application of high-frequency jet ventilation for patients with severe traumatic brain injury. Critical Care, 2011, 15, .	5.8	0
310	Efficacy and safety of dopamine agonists in traumatic brain injury: a systematic review of randomized controlled trials. Critical Care, 2011, 15, .	5.8	0

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311	Update on the RESCUEicp decompressive craniectomy trial. Critical Care, 2011, 15, .	5.8	9
312	Cerebral oxygen monitoring in intensive care. Critical Care, 2011, 15, .	5.8	0
313	Optimising follow up and outcome assessments in traumatic brain injury trials. Critical Care, 2011, 15, .	5.8	1
314	Optimising the consent process in severe traumatic brain injury trials. Critical Care, 2011, 15, .	5.8	0
315	Early clinical indices predicting functional survival in severely head-injured patients. Critical Care, 2011, 15, .	5.8	0
316	Prognostic value of prehospital single measurement of N-terminal pro-brain natriuretic peptide and troponin T after acute ischemic stroke. Critical Care, 2011, 15, .	5.8	0
317	Stroke and thrombolysis: an old disease with a new approach. Critical Care, 2011, 15, .	5.8	0
318	Cerebral vasoreactivity is not impaired in patients with severe sepsis. Critical Care, 2011, 15, .	5.8	0
319	Significance of admission temperature and impact on mortality in critically ill neurological patients. Critical Care, 2011, 15, .	5.8	1
320	Prognostic value of brain glucose levels in the outcome of patients with spontaneous cerebral hemorrhage. Critical Care, 2011, 15, .	5.8	0
321	Potential use of transcranial sonography in the sick patient. Critical Care, 2011, 15, .	5.8	0
322	Correlation of thermal Doppler flowmetry, brain tissue oxygen and microdialysis values in patients with severe subarachnoid hemorrhage and traumatic brain injury: a preliminary report. Critical Care, 2011, 15, .	5.8	0
323	UK practice in management of patients with poor-grade subarachnoid haemorrhage. Critical Care, 2011, 15, .	5.8	0
324	Increased plasma neutrophil gelatinase-associated lipocalin levels in poor-grade aneurysmal subarachnoid hemorrhage at admission to the ICU. Critical Care, 2011, 15, .	5.8	0
325	Spontaneous subarachnoid hemorrhage: clinical impact, prognostic value and complications. Critical Care, 2011, 15, .	5.8	2
326	Global cerebral edema and brain metabolism after subarachnoid hemorrhage. Critical Care, 2011, 15, .	5.8	2
327	Incidence, risk factors, and impact on mortality of status epilepticus in sepsis in the United States. Critical Care, 2011, 15, .	5.8	1
328	Seizure attacks in viral encephalitis: influence on a course and outcome. Critical Care, 2011, 15, .	5.8	1

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329	Incidence, risk factors, and impact on hospital mortality of status epilepticus after subdural hemorrhage in the United States. Critical Care, 2011, 15, .	5.8	0
330	Electrographic seizures after subarachnoid hemorrhage lead to derangement of brain homeostasis in humans. Critical Care, 2011, 15, .	5.8	0
331	Continuous electroencephalography in the surgical ICU. Critical Care, 2011, 15, .	5.8	0
332	Continuous electroencephalography in the medico-surgical intensive care setting in Brazil: initial experience after 4 months of implementation. Critical Care, 2011, 15, .	5.8	0
333	Nursing environment and delirium in ICU patients. Critical Care, 2011, 15, .	5.8	4
334	Development and validation of an eight-step flowchart based on the CAM-ICU: a quick and highly adaptable tool to determine the presence of delirium in ICU patients. Critical Care, 2011, 15, .	5.8	4
335	Delirium assessment in daily critical care with the CAM-ICU: a multicenter study. Critical Care, 2011, 15, .	5.8	4
336	Assessment of delirium in intensive care using the CAM-ICU. Critical Care, 2011, 15, .	5.8	0
337	Impact of delirium in critically ill patients on long-term health-related quality of life and cognitive functioning. Critical Care, 2011, 15, .	5.8	1
338	Effect of rivastigmine as an adjunct to usual care with haloperidol on duration of delirium and mortality in critically ill patients: a multicentre, double-blind, placebo-controlled randomised trial. Critical Care, 2011, 15, .	5.8	6
339	Biomarkers of delirium in critically ill patients. Critical Care, 2011, 15, .	5.8	1
340	Is delirium associated with pain and administered morphine in patients in the ICU after cardiac surgery?. Critical Care, 2011, 15, .	5.8	0
341	Modified Lund concept versus cerebral perfusion pressure-targeted therapy: a randomized controlled study in patients with secondary brain ischaemia. Critical Care, 2011, 15, .	5.8	0
342	Brain midline shift assessment using sonography in neurocritical care patients. Critical Care, 2011, 15, .	5.8	0
343	Hypernatremia in neurointensive care: results of a 5-year prospective study. Critical Care, 2011, 15, .	5.8	0
344	Paracetamol-induced skin blood flow and blood pressure changes. Critical Care, 2011, 15, .	5.8	1
345	Intravenous paracetamol pharmacokinetics in neonates: a pooled analysis. Critical Care, 2011, 15, .	5.8	0
346	Tramadol and O-demethyltramadol disposition in humans: a pooled study. Critical Care, 2011, 15, .	5.8	0

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347	Bispectral index monitoring reduces sedative and vasopressor requirements during percutaneous tracheostomy. Critical Care, 2011, 15, .	5.8	1
348	How is sedation provided for percutaneous dilatational tracheostomy in English ICUs?. Critical Care, 2011, 15, .	5.8	2
349	Meta-analysis of detection of respiratory events during procedural sedation. Critical Care, 2011, 15, .	5.8	1
350	Decreased postoperative nausea and vomiting with dexmedetomidine after off-pump coronary artery bypass grafting. Critical Care, 2011, 15, .	5.8	4
351	Heart rate variability during infusion of dexmedetomidine. Critical Care, 2011, 15, .	5.8	2
352	Pharmacokinetics of long-lasting, high-dose dexmedetomidine infusions in critically ill patients. Critical Care, 2011, 15, .	5.8	0
353	Hemodynamic, metabolic and inflammatory effects of dexmedetomidine in a pig model of septic shock. Critical Care, 2011, 15, .	5.8	0
354	Dexmedetomidine improves attention and recall in agitated critically ill patients. Critical Care, 2011, 15, .	5.8	1
355	Skin conductance variability in ICU patients: an observational study of the relation to pain and Motor Activity Assessment Scale level. Critical Care, 2011, 15, .	5.8	0
356	Change in hypnotic sedative choice over time as a surrogate marker of improved performance. Critical Care, 2011, 15, .	5.8	0
357	What happens to all that propofol during prolonged sedation?. Critical Care, 2011, 15, .	5.8	0
358	Psychological long-term effects of a no-sedation protocol in critically ill patients. Critical Care, 2011, 15, .	5.8	5
359	Cannabinoid receptor-1 inhibition causes anesthetic-induced excitation in septic rats. Critical Care, 2011, 15, .	5.8	0
360	Introduction of a remifentanyl-based analgo-sedation protocol leads to a reduction of duration of mechanical ventilation and ICU stay in critically ill patients. Critical Care, 2011, 15, .	5.8	0
361	Validity and reliability of the Johns Hopkins Adapted Cognitive Exam for critically ill patients. Critical Care, 2011, 15, .	5.8	0
362	UDP glucuronosyltransferase 2B7 single nucleotide polymorphism (rs7439366) influences heat pain response in human volunteers after i.v. morphine infusion. Critical Care, 2011, 15, .	5.8	1
363	Metformin increases skeletal muscle lactate production in pigs: a microdialysis study. Critical Care, 2011, 15, .	5.8	0
364	Bilirubin and carboxy-hemoglobin concentrations in critically ill patients: prognostic significance of free heme metabolites. Critical Care, 2011, 15, .	5.8	1

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365	Effects of N-acetylcysteine on the erythrocyte and liver cholinesterase, nitric oxide and malondialdehyde levels in acute organophosphate toxicity. Critical Care, 2011, 15, .	5.8	1
366	Effects of CoQ10 on the erythrocyte and heart tissue cholinesterase, nitric oxide and malondialdehyde levels in acute organophosphate toxicity. Critical Care, 2011, 15, .	5.8	0
367	Natriuretic peptide-induced hyponatremia in a patient with left atrial myxoma. Critical Care, 2011, 15, .	5.8	3
368	Hypophosphatemia of prognostic value in acute exacerbation of COPD. Critical Care, 2011, 15, .	5.8	0
369	Investigation and management of hypocalcaemia amongst critically ill patients. Critical Care, 2011, 15, .	5.8	0
370	Seasonal vitamin D variability and its effects on the innate immune response during human endotoxemia. Critical Care, 2011, 15, .	5.8	0
371	High bone turnover in critically vitamin-D-deficient patients. Critical Care, 2011, 15, .	5.8	0
372	Low whole blood selenium level is associated with higher mortality and longer ICU and hospital stay in patients undergoing elective cardiac surgery. Critical Care, 2011, 15, .	5.8	0
373	Effects of high doses of selenium on the antioxidant status after liver resection. Critical Care, 2011, 15, .	5.8	1
374	Nutritional support in severe traumatic brain injury. Critical Care, 2011, 15, .	5.8	0
375	Energy deficit and hospital length of stay can be reduced by quality management of nutrition therapy: the ICU dietitian is essential. Critical Care, 2011, 15, .	5.8	1
376	Enteral feed absorption during therapeutic hypothermia following out-of-hospital cardiac arrest. Critical Care, 2011, 15, .	5.8	2
377	Enteral nutrition in mechanically ventilated patients with cervical spinal cord injury. Critical Care, 2011, 15, .	5.8	0
378	Nasogastric feeding intolerance in the critically ill. Critical Care, 2011, 15, .	5.8	4
379	Enteral nutrition products in ICUs: data from NutritionDay. Critical Care, 2011, 15, .	5.8	2
380	Protein losses and nitrogen balance during continuous renal replacement therapy. Critical Care, 2011, 15, .	5.8	0
381	Impact of cumulative calorie and protein deficits in critically ill patients. Critical Care, 2011, 15, .	5.8	4
382	Lipid-enriched and protein-enriched enteral nutrition limits inflammation in a human endotoxemia model. Critical Care, 2011, 15, .	5.8	1

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383	Inflammation causes arginine to become an essential amino acid in critically ill children. Critical Care, 2011, 15, .	5.8	0
384	Comparison of the effects of intravenous, enteral and enteral + intravenous supply of glutamine on malnutrition in sepsis. Critical Care, 2011, 15, .	5.8	1
385	Insufficient activation of autophagy allows accumulation of cellular damage and may contribute to sustained organ failure in prolonged critically ill patients. Critical Care, 2011, 15, .	5.8	1
386	Glucose absorption following gastric and small intestinal nutrient administration in the critically ill. Critical Care, 2011, 15, .	5.8	2
387	Enhanced insulin sensitivity variability in the first 3 days of ICU stay: implications for tight glycemic control. Critical Care, 2011, 15, .	5.8	0
388	Endogenous insulin secretion and suppression during and after sepsis in critically ill patients: implications for tight glycemic control protocols. Critical Care, 2011, 15, .	5.8	3
389	Effects of hyperglycemia and intensive insulin therapy on neurons and glial cells during critical illness. Critical Care, 2011, 15, .	5.8	0
390	Errors in preparation of insulin infusions for critically ill patients. Critical Care, 2011, 15, .	5.8	0
391	Blood glucose variability, measured as mean absolute glucose, strongly depends on the frequency of blood glucose level measurements. Critical Care, 2011, 15, .	5.8	4
392	Validation of a virtual patient and virtual trials method for accurate prediction of tight glycemic control protocol performance. Critical Care, 2011, 15, .	5.8	0
393	Intensive insulin therapy-associated costs differ substantially between ICUs. Critical Care, 2011, 15, .	5.8	0
394	Tight glucose control managed by ICU nurses induces extremely low rates of hypoglycemia. Critical Care, 2011, 15, .	5.8	2
395	Investigation of the blood glucose target for mortality reduction by means of bedside-type artificial pancreas. Critical Care, 2011, 15, .	5.8	0
396	Mild hypoglycemia is independently associated with increased mortality in the critically ill. Critical Care, 2011, 15, .	5.8	4
397	Malglycemia is strongly associated with increased risk of ICU-acquired infection. Critical Care, 2011, 15, .	5.8	1
398	Intensive insulin therapy-induced severe hypoglycemia does not affect long-term functional and cognitive outcome or health-related quality of life. Critical Care, 2011, 15, .	5.8	0
399	Decreased intravenous glucose intake safely prevents hyperglycemia in postsurgical children. Critical Care, 2011, 15, .	5.8	0
400	Space GlucoseControl with the incorporated enhanced model predictive control algorithm is a safe and reliable tool for glycaemic control in medical ICU patients. Critical Care, 2011, 15, .	5.8	0

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401	Glucose variability and ICU outcome. Critical Care, 2011, 15, .	5.8	0
402	Glycemic control in critically ill infants and children: achieved quality of control in daily clinical practice in Leuven after a RCT. Critical Care, 2011, 15, .	5.8	1
403	Glycemia in blood, brain and subcutaneous tissue measured by a continuous glucose monitoring system. Critical Care, 2011, 15, .	5.8	1
404	Evaluation of a continuous blood glucose monitoring system using central venous microdialysis. Critical Care, 2011, 15, .	5.8	1
405	Accuracy of glucose measurements in critically ill patients. Critical Care, 2011, 15, .	5.8	0
406	Comparison of glucose variability measures. Critical Care, 2011, 15, .	5.8	0
407	Alarm performance in a novel continuous glucose monitor. Critical Care, 2011, 15, .	5.8	0
408	Salivary cortisol measurements in mechanically ventilated patients. Critical Care, 2011, 15, .	5.8	0
409	Plasma free cortisol and b-type natriuretic peptide in septic shock. Critical Care, 2011, 15, .	5.8	0
410	Interstitial cortisol levels obtained by adipose tissue microdialysis in mechanically ventilated septic patients: correlations with total and free serum cortisol. Critical Care, 2011, 15, .	5.8	0
411	Early administration of hydrocortisone replacement after advent of septic shock is a major determinant of final outcome. Critical Care, 2011, 15, .	5.8	0
412	Low preoperative total lymphocyte count as a predictor of poor outcome in adult cardiac surgery. Critical Care, 2011, 15, .	5.8	1
413	Usefulness of presepsin (sCD14-ST) measurements as a marker for the diagnosis and severity of sepsis in systemic inflammatory response syndrome. Critical Care, 2011, 15, .	5.8	0
414	Assessment of IL-18 values in septic acute lung injury/acute respiratory distress syndrome patients. Critical Care, 2011, 15, .	5.8	0
415	Activation of endothelial damage by TNF α and IFN γ in ischemia/reperfusion injury and systemic inflammation. Critical Care, 2011, 15, .	5.8	0
416	SAPO-1/Fas and sFas-L ratio, level of Bcl-2 and p53 as a predictors of multiple organ dysfunction syndrome in polytrauma. Critical Care, 2011, 15, .	5.8	0
417	Sulfonated immunoglobulin improves cardiopulmonary functions by promoting IGF-I production in ARDS patients with severe sepsis. Critical Care, 2011, 15, .	5.8	0
418	Fluorinated groups mediate the immunomodulatory effects of volatile anesthetics in acute pulmonary inflammation. Critical Care, 2011, 15, .	5.8	0

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419	Soluble triggering receptor expressed on myeloid cells as a marker of non-infectious systemic inflammatory response syndrome. Critical Care, 2011, 15, .	5.8	0
420	Anemia profile in critical septic patients hospitalized in the ICU. Critical Care, 2011, 15, .	5.8	0
421	The normobaric oxygen paradox: does it increase haemoglobin?. Critical Care, 2011, 15, .	5.8	7
422	Transfusion of red blood cells does not increase transcutaneous oxygen tension. Critical Care, 2011, 15, .	5.8	0
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435	Overuse of coagulation parameter testing in critically ill patients. Critical Care, 2011, 15, .	5.8	0
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438	Effect of hypothermia on coagulation functions in Sprague-Dawley rats with uncontrolled hemorrhagic shock. Critical Care, 2011, 15, .	5.8	0
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456	Agreement of pain assessment between nurses and patients in the Emergency Department. Critical Care, 2011, 15, .	5.8	1
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489	Burnout in ICUs in Portugal: is there? Are there differences between doctors and nurses?. Critical Care, 2011, 15, .	5.8	0
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