

# High-Frequency Oscillation for Acute Respiratory Distress

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Acute refractory hypoxemia after chest trauma reversed by high-frequency oscillatory ventilation: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 186.	0.4	0
2	The PRESERVE mortality risk score and analysis of long-term outcomes after extracorporeal membrane oxygenation for severe acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2013, 39, 1704-1713.	3.9	454
4	Novel approaches to minimize ventilator-induced lung injury. <i>BMC Medicine</i> , 2013, 11, 85.	2.3	90
5	Impact of Ventilation Frequency and Parenchymal Stiffness on Flow and Pressure Distribution in a Canine Lung Model. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2699-2711.	1.3	23
6	The 2012 Surviving Sepsis Campaign: Management of Severe Sepsis and Septic Shock – An Update on the Guidelines for Initial Therapy. <i>Current Emergency and Hospital Medicine Reports</i> , 2013, 1, 154-171.	0.6	1
8	Ventilatory support in the intensive care unit. <i>Anaesthesia and Intensive Care Medicine</i> , 2013, 14, 466-471.	0.1	1
9	Ventilator-Induced Lung Injury. <i>New England Journal of Medicine</i> , 2013, 369, 2126-2136.	13.9	2,030
10	High positive end-expiratory pressure: only a dam against oedema formation?. <i>Critical Care</i> , 2013, 17, R131.	2.5	14
11	Inhalation injury: epidemiology, pathology, treatment strategies. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013, 21, 31.	1.1	198
12	High-Frequency Oscillation for ARDS. <i>New England Journal of Medicine</i> , 2013, 368, 2231-2234.	13.9	10
13	Ultra-protective tidal volume: how low should we go?. <i>Critical Care</i> , 2013, 17, 127.	2.5	13
14	Syndrome de détresse respiratoire aiguë de l'adulte : validité de la nouvelle définition de Berlin et actualités ventilatoires. <i>Revue Des Maladies Respiratoires Actualites</i> , 2013, 5, 312-317.	0.0	0
15	Mechanical Ventilation, Clinical Trials, and Glaciers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 128-130.	2.5	9
16	To ventilate, oscillate, or cannulate?. <i>Journal of Critical Care</i> , 2013, 28, 655-662.	1.0	23
17	High-Frequency Oscillation in Early Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2013, 368, 795-805.	13.9	1,209
18	What is new in refractory hypoxemia?. <i>Intensive Care Medicine</i> , 2013, 39, 1207-1210.	3.9	10
19	Re-evaluating high-frequency oscillation for ARDS: Would a targeted approach be successful?. <i>Critical Care</i> , 2013, 17, 133.	2.5	6
20	High-Frequency Oscillatory Ventilation, MicroRNAs in Pulmonary Hypertension, and Gastric Residual Volumes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 508-509.	2.5	1

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23	High-Frequency Oscillatory Ventilation on Shaky Ground. <i>New England Journal of Medicine</i> , 2013, 368, 863-865.	13.9	55
24	Response:. <i>Journal of the Intensive Care Society</i> , 2013, 14, 273-274.	1.1	0
25	Critical Care â€” An All-Encompassing Specialty. <i>New England Journal of Medicine</i> , 2013, 369, 669-670.	13.9	36
26	Measuring Lung Volume During High-Frequency Oscillatory Ventilation in Neonatesâ€”Ready for Prime Time?*. <i>Critical Care Medicine</i> , 2013, 41, 2649-2650.	0.4	0
27	Early application of airway pressure release ventilation may reduce mortality in high-risk trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 635-641.	1.1	90
28	Intrapleural Steroid Instillation for Multiple Organ Failure With Acute Respiratory Distress Syndrome. <i>Shock</i> , 2013, 40, 392-397.	1.0	6
29	Evolving practices in critical care and their influence on acute kidney injury. <i>Current Opinion in Critical Care</i> , 2013, 19, 1.	1.6	1
30	Mechanical Ventilation Competencies of the Respiratory Therapist in 2015 and BeyondDiscussion. <i>Respiratory Care</i> , 2013, 58, 1087-1096.	0.8	28
31	Science and Evidence: Separating Fact from Fiction. <i>Respiratory Care</i> , 2013, 58, 1649-1661.	0.8	4
32	High Frequency Oscillatory Ventilation in the Management of Severe Respiratory Failure. <i>Journal of the Intensive Care Society</i> , 2013, 14, 272-273.	1.1	0
33	Mechanical Ventilatory Support. <i>Refresher Courses in Anesthesiology</i> , 2013, 41, 47-52.	0.1	1
34	Novel Modes of Mechanical Ventilation. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013, 34, 499-507.	0.8	10
36	High-frequency oscillatory ventilation and acute respiratory distress syndrome: at the crossroads?. <i>Thorax</i> , 2013, 68, 406-408.	2.7	4
37	High-frequency oscillatory ventilation with tracheal gas insufflation: the rescue strategy for brain-lung interaction. <i>Critical Care</i> , 2013, 17, R179.	2.5	3
38	Updates in Critical Care 2012-2013. <i>ICU Director</i> , 2013, 4, 317-321.	0.2	0
39	Acute lung injury and the acute respiratory distress syndrome. , 0, , 154-171.		0
40	Respiratory Review of 2013: Critical Care Medicine. <i>Tuberculosis and Respiratory Diseases</i> , 2013, 75, 1.	0.7	6
41	Perioperative Organ Injury. <i>Anesthesiology</i> , 2013, 119, 1474-1489.	1.3	152

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42	Acute Respiratory Distress Syndrome: Current Concepts and Future Directions. <i>Anaesthesia and Intensive Care</i> , 2013, 41, 463-472.	0.2	6
43	The Pharmacology of Acute Respiratory Distress Syndrome. <i>Clinical Pharmacology &amp; Biopharmaceutics</i> , 2014, 3, .	0.2	0
44	Therapeutic Effect of Intravenous Infusion of Perfluorocarbon Emulsion on LPS-Induced Acute Lung Injury in Rats. <i>PLoS ONE</i> , 2014, 9, e87826.	1.1	31
45	Airway Pressure and Transpulmonary Pressure During High-Frequency Oscillation for Acute Respiratory Distress Syndrome. <i>Canadian Respiratory Journal</i> , 2014, 21, 107-111.	0.8	3
46	10.5 Langzeitbeatmung und Weaning. , 2014, , .		0
47	Perceptions of diagnosis and management of patients with acute respiratory distress syndrome: a survey of United Kingdom intensive care physicians. <i>BMC Anesthesiology</i> , 2014, 14, 87.	0.7	17
48	Spontaneous Breathing, Extrapulmonary CO2 Removal, and Ventilator-Induced Lung Injury Risk. <i>Critical Care Medicine</i> , 2014, 42, 758-760.	0.4	3
49	High-frequency percussive ventilation in severe acute respiratory distress syndrome: A single center experience. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2014, 30, 65.	0.2	10
50	Ventilatory Strategies in Severe Acute Respiratory Failure. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2014, 35, 418-430.	0.8	7
51	Trauma-Related Critical Care. <i>Scandinavian Journal of Surgery</i> , 2014, 103, 138-142.	1.3	1
52	Ventilatory Management of ARDS Before and During ECMO. , 2014, , 239-248.		0
54	Is high-frequency oscillatory ventilation more effective and safer than conventional protective ventilation in adult acute respiratory distress syndrome patients? A meta-analysis of randomized controlled trials. <i>Critical Care</i> , 2014, 18, R111.	2.5	37
55	Year in review 2013: Critical Care- respirology. <i>Critical Care</i> , 2014, 18, 577.	2.5	1
56	Effective management of ARDS. <i>Nurse Practitioner</i> , 2014, 39, 35-40.	0.2	5
57	A Randomized Trial of Glutamine and Antioxidants in Critically Ill Patients. <i>Survey of Anesthesiology</i> , 2014, 58, 11-12.	0.1	6
58	Prone position. <i>Current Opinion in Critical Care</i> , 2014, 20, 92-97.	1.6	14
59	The Ongoing Challenge of Evaluating Rescue Therapies in Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2014, 42, 1727-1728.	0.4	0
60	Adipose Tissue on CT Scans in Critical Care and Trauma Are Associated With Acute Kidney Injury*. <i>Critical Care Medicine</i> , 2014, 42, 1728-1729.	0.4	0

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61	High-frequency oscillatory ventilation for early acute respiratory distress syndrome in adults. <i>Current Opinion in Critical Care</i> , 2014, 20, 77-85.	1.6	21
62	Tidal Volume and Plateau Pressure Use for Acute Lung Injury From 2000 to Present. <i>Critical Care Medicine</i> , 2014, 42, 2278-2289.	0.4	26
63	Randomized ICU Trials Do Not Demonstrate an Association Between Interventions That Reduce Delirium Duration and Short-Term Mortality. <i>Critical Care Medicine</i> , 2014, 42, 1442-1454.	0.4	81
64	Which is the most important strain in the pathogenesis of ventilator-induced lung injury. <i>Current Opinion in Critical Care</i> , 2014, 20, 33-38.	1.6	45
65	It Is Too Early to Declare Early or Late Rescue High-Frequency Oscillatory Ventilation Dead. <i>JAMA Pediatrics</i> , 2014, 168, 861.	3.3	9
66	Comparison of High-Frequency Oscillatory Ventilation and Conventional Mechanical Ventilation in Pediatric Respiratory Failure. <i>JAMA Pediatrics</i> , 2014, 168, 243.	3.3	84
67	It Is Too Early to Declare Early or Late Rescue High-Frequency Oscillatory Ventilation Dead—Reply. <i>JAMA Pediatrics</i> , 2014, 168, 863.	3.3	0
68	Effects of a Combination of Prone Positioning and High-Frequency Oscillatory Ventilation on Blood Gas Exchange in an Experimental Pig Model of Acute Respiratory Distress Syndrome Efekti Kombinacije Ležanja na Leđima i Oscilatorne Plućne Ventilacije Visoke Frekvencije Na Razmenu Gasova U Krvi Na Modelu Sindroma Akutnog Respiratornog Āoka Kod Svinja. <i>Acta Veterinaria</i> , 2014, 64, 307-318.	0.2	0
70	High frequency oscillation and airway pressure release ventilation in pediatric respiratory failure. <i>Pediatric Pulmonology</i> , 2014, 49, 707-715.	1.0	26
71	ECMO-Extracorporeal Life Support in Adults. , 2014, , .		22
73	Pulmonary atelectasis in anaesthesia and critical care. <i>Continuing Education in Anaesthesia, Critical Care &amp; Pain</i> , 2014, 14, 236-245.	0.6	33
74	High-frequency oscillatory ventilation versus conventional ventilation: hemodynamic effects on lung and heart. <i>Physiological Reports</i> , 2014, 2, e00259.	0.7	5
75	Beyond Low Tidal Volumes. <i>Clinics in Chest Medicine</i> , 2014, 35, 729-741.	0.8	1
76	Critical care in pregnancy—Is it different?. <i>Seminars in Perinatology</i> , 2014, 38, 329-340.	1.1	33
78	The Limpet controlled drug cabinet alarm and camera. <i>Critical Care</i> , 2014, 18, .	2.5	1
79	Role of pharmacist in multidisciplinary pediatric intensive care rounds: a retrospective descriptive study. <i>Critical Care</i> , 2014, 18, .	2.5	2
80	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
81	Compliance of a ventilator-associated pneumonia care bundle in an adult intensive care setting. <i>Critical Care</i> , 2014, 18, .	2.5	3

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82	Referrals to a critical care unit: compliance with the NCEPOD recommendations. Critical Care, 2014, 18, .	2.5	0
83	Organisational changes in service provision outside critical care impact on referral patterns. Critical Care, 2014, 18, .	2.5	0
84	Demands on a continuing education online-study program for physicians. Critical Care, 2014, 18, .	2.5	0
85	Do generic measures fully capture health-related quality of life in adult, general critical care survivors?. Critical Care, 2014, 18, .	2.5	0
86	Surgical HDU admissions: utilisation, organ support and finance. Critical Care, 2014, 18, .	2.5	0
87	Convalescence via critical care collaboration. Critical Care, 2014, 18, .	2.5	0
88	Can dynamic light improve melatonin production and quality of sleep?. Critical Care, 2014, 18, .	2.5	2
89	Targeting blood tests in the ICU may lead to a significant cost reduction. Critical Care, 2014, 18, .	2.5	4
90	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
91	ICU nursing connectivity and the quality of care in an academic medical center: a network analysis. Critical Care, 2014, 18, .	2.5	0
92	Compassion fatigue and burnout among healthcare professionals in the ICU. Critical Care, 2014, 18, .	2.5	6
93	Effect of divergences about patient's care plan on the outcome of critically ill patients. Critical Care, 2014, 18, .	2.5	0
94	Prevalence, risk factors and consequences of intra-team conflicts in the ICU. Critical Care, 2014, 18, .	2.5	0
95	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
96	New policy for ICU visits: prospective study. Critical Care, 2014, 18, .	2.5	1
97	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
98	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
99	Heart-focused anxiety in critically ill patients' relatives. Critical Care, 2014, 18, .	2.5	0

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100	Family satisfaction in the ICU: a 6-month experience. Critical Care, 2014, 18, .	2.5	0
101	Qualitative analysis of a family satisfaction in an adult ICU. Critical Care, 2014, 18, .	2.5	1
102	Outcomes of ventilated surgical and medical ICU patients: do patients die from ARDS or with ARDS?. Critical Care, 2014, 18, .	2.5	1
103	Advance care planning in critically ill haematology patients. Critical Care, 2014, 18, .	2.5	0
104	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
105	ASA helps prediction of the death rate in surgical ICU patients. Critical Care, 2014, 18, .	2.5	0
106	Till death do us part: amyotrophic lateral sclerosis in the ICU. Critical Care, 2014, 18, .	2.5	1
107	Death rate of patients admitted to a Brazilian ICU on weekends and holidays. Critical Care, 2014, 18, .	2.5	2
108	How many ways are there to die? Identification of ICU death typologies using cluster analysis. Critical Care, 2014, 18, .	2.5	0
109	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
110	Autopsy-detected diagnostic errors in critically ill patients with cirrhosis. Critical Care, 2014, 18, .	2.5	0
111	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
112	Radiation exposure in trauma patients is affected by age. Critical Care, 2014, 18, .	2.5	0
113	Survival rate and predictors of outcome in intubated patients with haematological malignancies in a Greek ICU. Critical Care, 2014, 18, .	2.5	0
114	Predictors of outcome in patients with haematological malignancies admitted to critical care. Critical Care, 2014, 18, .	2.5	0
115	Early risk stratification in patients with oncological and hematological malignancies in the emergency department. Critical Care, 2014, 18, .	2.5	0
116	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
117	Early warning scores: breaking or building barriers to critical care. Critical Care, 2014, 18, .	2.5	0

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118	Impact of obesity on outcomes in patients with sepsis. Critical Care, 2014, 18, .	2.5	0
119	Obesity is not associated with poor outcomes in older patients with sepsis. Critical Care, 2014, 18, .	2.5	0
120	Long-term outcome in COPD patients with pneumonic and nonpneumonic exacerbation: a 6-year prospective follow-up study. Critical Care, 2014, 18, .	2.5	0
121	Frailty predicts need for medical review but not degree of organ support after complex orthopaedic surgery. Critical Care, 2014, 18, .	2.5	1
122	Frailty measures in the critically ill: are we approaching a critical age? A systematic review. Critical Care, 2014, 18, .	2.5	1
123	Prediction of 1-year mortality of patients treated for more than 72 hours in an ICU. Critical Care, 2014, 18, .	2.5	1
124	Long-term physical functioning and health-related outcomes in survivors of intensive care. Critical Care, 2014, 18, .	2.5	0
125	Patients with prolonged stay on ICUs and the risk of mortality within 1-year of cardiac surgery. Critical Care, 2014, 18, .	2.5	0
126	Six-month outcomes in lung cancer patients surviving ICU admission: results from a multinational multicenter study. Critical Care, 2014, 18, .	2.5	0
127	Survival and quality of life in patients acquiring acute kidney injury in the first 24 hours of ICU admission. Critical Care, 2014, 18, .	2.5	0
128	Increasing age of patients admitted to intensive care, and association between increased age and greater risk of post-ICU death. Critical Care, 2014, 18, .	2.5	3
129	Outcomes of military patients treated at the UK Royal Centre for Defence Medicine 2007 to 2013. Critical Care, 2014, 18, .	2.5	0
130	Very old patients with cancer admitted to the ICU: outcome and predictive factors of mortality. Critical Care, 2014, 18, .	2.5	0
131	A retrospective review of mortality and complications following oesophagectomy in a large UK teaching hospital. Critical Care, 2014, 18, .	2.5	1
132	SwissScoring: a nationwide survey about SAPS II assessing accuracy. Critical Care, 2014, 18, .	2.5	0
133	Abandoning the National Early Warning Score in our district general hospital. Critical Care, 2014, 18, .	2.5	0
134	Endpoint resuscitation-based prediction model for early mortality of severe sepsis and septic shock. Critical Care, 2014, 18, .	2.5	0
135	Is the Golden hour important? Looking at disability and health-related quality of life in a Portuguese trauma registry. Critical Care, 2014, 18, .	2.5	0



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136	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
137	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
138	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
139	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
140	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
141	Training to achieve coordination of rescue and ambulance and medical teams. <i>Critical Care</i> , 2014, 18, .	2.5	0
142	Complementary cooperation of an ambulance helicopter and car with medical doctors: meaning of simultaneous dispatch. <i>Critical Care</i> , 2014, 18, .	2.5	0
143	Evaluation and prevention of violence in the emergency department in Lebanon. <i>Critical Care</i> , 2014, 18, .	2.5	0
144	Epidemiology and critical care management of patients admitted after intentional self-poisoning. <i>Critical Care</i> , 2014, 18, .	2.5	0
145	Price per unit: the cost of alcohol-related admissions to a regional ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
146	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
147	Effect of low-dose hydrocortisone on gene expression profiles after severe burn injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
148	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
149	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
150	Antipyretics in the emergency department - intravenous paracetamol versus intramuscular diclofenac: a comparative study. <i>Critical Care</i> , 2014, 18, .	2.5	0
151	Survey of severe sepsis and septic shock management in Thailand: THAI-SHOCK SURVEY 2013. <i>Critical Care</i> , 2014, 18, .	2.5	1
152	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
153	Hospital mortality predictive factors following Rapid Response Team activation. <i>Critical Care</i> , 2014, 18, .	2.5	1

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154	Long-term outcome of the Emergency Response Team system in in-hospital cardiac arrest. <i>Critical Care</i> , 2014, 18, .	2.5	0
155	Epidemiology of unplanned intensive care admissions through in-hospital referrals at a tertiary referral centre university hospital. <i>Critical Care</i> , 2014, 18, .	2.5	0
156	Use of low-dose CT KUB: is it becoming the easy way out?. <i>Critical Care</i> , 2014, 18, .	2.5	0
157	Bled dry? An audit of blood sampling practices on an adult intensive therapy unit. <i>Critical Care</i> , 2014, 18, .	2.5	0
158	Decreasing central-line blood draws by consolidation of phlebotomy timing: results of a quality improvement project. <i>Critical Care</i> , 2014, 18, .	2.5	0
159	Introducing an arterial non-injectable connector into clinical practice. <i>Critical Care</i> , 2014, 18, .	2.5	0
160	Novel hemostatic technique using a silicone gel dressing for tangential excision in burn surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
161	Should we avoid invasive treatment in cancer patients with pericardial tamponade?. <i>Critical Care</i> , 2014, 18, .	2.5	0
162	Goal-directed hemostatic therapy using rotational thromboelastometry in patients requiring emergent cardiovascular surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
163	Thromboelastometric examination on the ICU before elective procedures. <i>Critical Care</i> , 2014, 18, .	2.5	0
164	ROTEM: Multiplate monitoring in the ICU and outcome scores. <i>Critical Care</i> , 2014, 18, .	2.5	1
165	Retrospective observational study of interventional radiology and critical care coagulopathy. <i>Critical Care</i> , 2014, 18, .	2.5	0
166	Monitoring of treatment with low molecular weight heparins using viscoelastic devices. <i>Critical Care</i> , 2014, 18, .	2.5	2
167	Heparin stability in parenteral nutrition bags prepared in a neonatal ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
168	Bivalirudin or heparin: which anticoagulation strategy for critically ill cardiac surgery patients?. <i>Critical Care</i> , 2014, 18, .	2.5	0
169	Reversal of edoxaban-induced anticoagulation by the four-factor prothrombin complex concentrate Beriplex® in a rabbit model. <i>Critical Care</i> , 2014, 18, .	2.5	0
170	Use of a specific antidote to dabigatran (idarucizumab) reduces blood loss and mortality in dabigatran-induced and trauma-induced bleeding in pigs. <i>Critical Care</i> , 2014, 18, .	2.5	6
171	Primary bivalirudin anticoagulation for patients with an implantable ventricular assist device. <i>Critical Care</i> , 2014, 18, .	2.5	0

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172	Plasma-free hemoglobin and microvascular response to fresh or old blood transfusion in septic patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
173	Fatty acid composition of blood plasma in multiple organ dysfunction syndrome. <i>Critical Care</i> , 2014, 18, .	2.5	1
174	Response of coagulation and fibrinolysis system was different between older and nonolder patients with severe sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
175	Îµ-Aminocaproic acid does not increase adverse effects in cardiac surgery: an analysis of 2,852 cases. <i>Critical Care</i> , 2014, 18, .	2.5	0
176	Eculizumab treatment of atypical haemolytic uraemic syndrome: results from the largest prospective clinical trial to date. <i>Critical Care</i> , 2014, 18, .	2.5	1
177	Variation in red blood cell transfusion thresholds in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	5
178	A liberal strategy of red blood cell transfusion reduces cardiovascular complications in older patients undergoing cardiac surgery. <i>Critical Care</i> , 2014, 18, .	2.5	1
179	Anemia and high hematocrit are associated with in-hospital mortality in emergency department patients with suspected infection. <i>Critical Care</i> , 2014, 18, .	2.5	0
180	New simplified criteria for predicting massive transfusion in trauma. <i>Critical Care</i> , 2014, 18, .	2.5	0
181	Blood product transfusions in septic patients are associated with mortality, ARDS, and more days on mechanical ventilation. <i>Critical Care</i> , 2014, 18, .	2.5	0
182	Inflammatory properties of microparticles in stored red blood cell transfusion products. <i>Critical Care</i> , 2014, 18, .	2.5	2
183	Influenza A (H1N1): the first hit for transfusion-related acute lung injury?. <i>Critical Care</i> , 2014, 18, .	2.5	0
184	Prothrombin complex concentrate restores haemostasis in a dabigatran anticoagulated polytrauma pig model. <i>Critical Care</i> , 2014, 18, .	2.5	2
185	Effect of a fixed dose of fresh frozen plasma on systemic inflammation and endothelial damage in nonbleeding critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
186	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. <i>Critical Care</i> , 2014, 18, .	2.5	0
187	In a trauma experimental pig model prothrombin complex concentrates and a specific antidote (idarucizumab) are effective to reverse the anticoagulant effects of dabigatran. <i>Critical Care</i> , 2014, 18, .	2.5	4
188	Attenuation of ischemia-reperfusion injury in swine resuscitated for hemorrhagic shock by low-dose inhaled nitrite or carbon monoxide. <i>Critical Care</i> , 2014, 18, .	2.5	0
189	Validation of inflationary non-invasive blood pressure monitoring in emergency room patients. <i>Critical Care</i> , 2014, 18, .	2.5	0

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190	Influence of the oscillometric calibration method on accuracy and precision of continuous non-invasive arterial pressure measurements using the CNAP <sup>®</sup> device. Critical Care, 2014, 18, .	2.5	0
191	Arterial pulse waveform as an n-soliton evolution of the left ventricular pressure pulse. Critical Care, 2014, 18, .	2.5	0
192	Tackling the burden of postsurgical complications in the USA: would perioperative goal-directed therapy help?. Critical Care, 2014, 18, .	2.5	1
193	Radiological control of central venous catheter (CVC) versus electrocardiogram-guided control inserted CVC: confirm with transesophageal echocardiography. Critical Care, 2014, 18, .	2.5	1
194	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
195	Anthropometric formulas versus intracavitary ECG for optimal tip position of central venous catheters. Critical Care, 2014, 18, .	2.5	0
196	Residents learning ultrasound-guided catheterization are not sufficiently skilled to use landmarks. Critical Care, 2014, 18, .	2.5	1
197	Development of a standardized method of peripherally inserted central catheter (PICC-line) bedside installation. Critical Care, 2014, 18, .	2.5	1
198	Is chest X-ray necessary after central venous catheter insertion?. Critical Care, 2014, 18, .	2.5	2
199	Diagnostic value of chest ultrasound after cardiac surgery: a comparison with chest X-ray and auscultation. Critical Care, 2014, 18, .	2.5	3
200	Ultrasound measurement of carotid flow time changes with volume status. Critical Care, 2014, 18, .	2.5	7
201	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
202	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
203	Transoesophageal echocardiography and extracorporeal membrane oxygenation: fancy for enthusiasts or indispensable tool?. Critical Care, 2014, 18, .	2.5	5
204	Accuracy of synthesized right-sided/posterior chest lead electrocardiograms. Critical Care, 2014, 18, .	2.5	0
205	Aortic stiffness in patients with early sepsis. Critical Care, 2014, 18, .	2.5	0
206	Novel technology for non-invasive thoracic fluid measurement: an animal model comparative study. Critical Care, 2014, 18, .	2.5	0
207	Adherence to the nurse-driven hemodynamic protocol during postoperative care. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
208	Pulse wave transit time technique for perioperative non-invasive hemodynamic monitoring. Critical Care, 2014, 18, .	2.5	0
209	Validation of cardiac output from Mostcare compared with a pulmonary artery catheter in septic patients. Critical Care, 2014, 18, .	2.5	1
210	Novel non-invasive technology for cardiac output determination. Critical Care, 2014, 18, .	2.5	0
211	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
212	Comparison of PiCCO and VolumeView: simultaneous measurement in sepsis pig models. Critical Care, 2014, 18, .	2.5	1
213	Effects of the restrictive fluid strategy on postoperative pulmonary and renal function following pulmonary resection surgery. Critical Care, 2014, 18, .	2.5	0
214	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
215	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
216	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
217	Tissue oxygenation as a target for goal-directed therapy in high-risk surgery. Critical Care, 2014, 18, .	2.5	0
218	Why measurements do (not) work: the human factor. Critical Care, 2014, 18, .	2.5	0
219	Fluid responsiveness in septic shock. Critical Care, 2014, 18, .	2.5	1
220	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
221	Accuracy of the plethysmographic variation index as a predictor of fluid responsiveness after cardiac surgery. Critical Care, 2014, 18, .	2.5	0
222	Kinetics of volume expansion during a fluid challenge. Critical Care, 2014, 18, .	2.5	0
223	Fluid challenge with shock. Critical Care, 2014, 18, .	2.5	0
224	In vivo effect of hydroxyethyl starch solution (HES 130/0.4) on different fibrinogen assays. Critical Care, 2014, 18, .	2.5	0
225	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

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226	Hypotonic fluids after liver transplantation may be associated with prolonged ICU stay. <i>Critical Care</i> , 2014, 18, .	2.5	1
227	Early Vasopressin Application in Shock study. <i>Critical Care</i> , 2014, 18, .	2.5	19
228	Terlipressin-induced hyponatraemia. <i>Critical Care</i> , 2014, 18, .	2.5	1
229	Extracorporeal life support devices and strategies for management of acute cardiorespiratory failure in adult patients: a comprehensive review. <i>Critical Care</i> , 2014, 18, 219.	2.5	144
230	High-frequency oscillation in early adult respiratory distress syndrome. <i>Critical Care</i> , 2014, 18, 310.	2.5	4
231	High-frequency oscillatory ventilation in adults: handle with care. <i>Critical Care</i> , 2014, 18, 464.	2.5	3
232	Respiratory Care Year in Review 2013: Airway Management, Noninvasive Monitoring, and Invasive Mechanical Ventilation. <i>Respiratory Care</i> , 2014, 59, 595-606.	0.8	6
233	Incidence of adverse events in a Brazilian coronary ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
234	Care of Burns in Scotland: 3-year data from the Managed Clinical Network National Registry. <i>Critical Care</i> , 2014, 18, .	2.5	4
235	Transfusion requirements in septic shock patients: a randomized controlled trial. <i>Critical Care</i> , 2014, 18, .	2.5	1
236	Effects of interventions on survival in acute respiratory distress syndrome: an umbrella review of 159 published randomized trials and 29 meta-analyses. <i>Intensive Care Medicine</i> , 2014, 40, 769-787.	3.9	117
237	Efficacy and adverse events of high-frequency oscillatory ventilation in adult patients with acute respiratory distress syndrome: a meta-analysis. <i>Critical Care</i> , 2014, 18, R102.	2.5	30
238	Effects of manually-assisted cough combined with postural drainage, saline instillation and airway suctioning in critically-ill patients during high-frequency oscillatory ventilation: a prospective observational single centre trial. <i>Physiotherapy Theory and Practice</i> , 2014, 30, 306-311.	0.6	3
239	Update in Acute Lung Injury and Mechanical Ventilation 2013. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1187-1193.	2.5	9
240	Extracorporeal Life Support for Acute Respiratory Failure. A Systematic Review and Metaanalysis. <i>Annals of the American Thoracic Society</i> , 2014, 11, 802-810.	1.5	45
241	Hypoxia, haemorrhage and hypotension: the interface between emergency medicine and intensive care medicine. <i>Emergency Medicine Journal</i> , 2014, 31, 513-517.	0.4	0
243	The effect of intravenous interferon-beta-1a (FP-1201) on lung CD73 expression and on acute respiratory distress syndrome mortality: an open-label study. <i>Lancet Respiratory Medicine</i> , 2014, 2, 98-107.	5.2	120
244	Fibrinogen at admission is an independent predictor of mortality in severe sepsis and septic shock. <i>Critical Care</i> , 2014, 18, .	2.5	2

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245	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. <i>Critical Care</i> , 2014, 18, .	2.5	0
246	Plasma platelet-derived microparticles to platelet count ratio as a marker of mortality in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
248	Modes of ventilation and ventilator strategies. , 0, , 144-151.		0
249	Moderately high frequency ventilation with a conventional ventilator allows reduction of tidal volume without increasing mean airway pressure. <i>Intensive Care Medicine Experimental</i> , 2014, 2, 13.	0.9	3
250	Approaches to Ventilation in Intensive Care. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2014, 111, 714-20.	0.6	14
251	Efficacy of terutroban in preventing delayed cerebral ischemia after subarachnoid hemorrhage: a functional isotope imaging study on a rat model. <i>Critical Care</i> , 2014, 18, .	2.5	0
252	Clinical pulmonary infection score calculator in the early diagnosis and treatment of ventilator-associated pneumonia in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	6
253	Ability to speak in ventilator-dependent tracheostomized ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	3
254	Vasopressin versus norepinephrine for the management of septic shock in cancer patients. <i>Critical Care</i> , 2014, 18, .	2.5	13
255	Effect of nasal high flow for postoperative respiratory failure: a prospective observational study. <i>Critical Care</i> , 2014, 18, .	2.5	0
256	Effect of subglottic secretion drainage for preventing ventilator-associated pneumonia. <i>Critical Care</i> , 2014, 18, .	2.5	2
257	Enteral administration of antiepileptic agents could have efficacy for prevention of post-traumatic seizures in severe traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
258	Demand versus supply in intensive care: an ever-growing problem. <i>Critical Care</i> , 2014, 18, .	2.5	8
259	Analysis of the acoustic environment in an ICU using patient information as a covariate. <i>Critical Care</i> , 2014, 18, .	2.5	0
260	Factors affecting the clinical response to National Early Warning score triggers. <i>Critical Care</i> , 2014, 18, .	2.5	1
261	Haemodynamic effects of phenylephrine commenced prior to induction of anaesthesia in older patients undergoing high-risk vascular surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
262	Acetaminophen-induced hypotension in the surgical ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1
263	Experiences of a tertiary center with use of extracorporeal membrane oxygenation support in patients with cardiogenic shock after cardiac surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0

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264	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
265	Normobaric oxygen paradox and the microcirculation in the critically ill patient: a prospective observational study. Critical Care, 2014, 18, .	2.5	0
266	Predictive criteria for the development of intra-abdominal hypertension and abdominal compartment syndrome. Critical Care, 2014, 18, .	2.5	0
267	Early lactate-guided therapy in cardiac surgery patients: a randomized controlled trial. Critical Care, 2014, 18, .	2.5	1
268	Lactate as a predictor of deterioration in emergency department patients with and without infection. Critical Care, 2014, 18, .	2.5	0
269	Correlation between conventional and advanced hemodynamic parameters versus serum lactate in patients with severe sepsis. Critical Care, 2014, 18, .	2.5	0
270	Delayed assessment of serum lactate in sepsis is associated with an increased mortality rate. Critical Care, 2014, 18, .	2.5	0
271	Lactate quartile concentration and prognosis in severe sepsis and septic shock. Critical Care, 2014, 18, .	2.5	0
272	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
273	Hyperdynamic ejection fraction in the critically ill patient. Critical Care, 2014, 18, .	2.5	0
274	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
275	Cardiogenic oscillation in pediatric patients after cardiac surgery. Critical Care, 2014, 18, .	2.5	1
276	Intraoperative dexamethasone on left atrial function and postoperative atrial fibrillation in cardiac surgical patients. Critical Care, 2014, 18, .	2.5	0
277	White blood cell count and new-onset atrial fibrillation after cardiac surgery. Critical Care, 2014, 18, .	2.5	1
278	Anti-adrenergic effects of ranolazine in isolated rat aorta. Critical Care, 2014, 18, .	2.5	0
279	Delays in extubation following elective adult cardiac surgery. Critical Care, 2014, 18, .	2.5	0
280	Effects of perfusion pressure on the splanchnic circulation after cardiopulmonary bypass: a randomized double cross-over study. Critical Care, 2014, 18, .	2.5	1
281	Isoflurane attenuates left ventricular akinesia and preserves cardiac output in the Tako-tsubo rat model. Critical Care, 2014, 18, .	2.5	0



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282	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
283	Characterization of the profile and clinical variables associated with mortality in a Brazilian coronary ICU. Critical Care, 2014, 18, .	2.5	0
284	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
285	Tissue-aggressive inflammatory response defines the tissue aggressiveness of the post-infarction milieu. Critical Care, 2014, 18, .	2.5	0
286	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
287	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
288	Rhabdomyolysis following cardiac surgery: from prevalence to prevention. Critical Care, 2014, 18, .	2.5	0
289	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
290	Postoperative resource utilization and survival among liver transplant recipients with Model for End-stage Liver Disease score $\geq 14$ : a retrospective cohort study. Critical Care, 2014, 18, .	2.5	1
291	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
292	Extracorporeal membrane oxygenation before and after adult liver transplantation: worth the effort?. Critical Care, 2014, 18, .	2.5	12
293	Is cirrhotic cardiomyopathy a risk factor for post-reperfusion syndrome during liver transplantation?. Critical Care, 2014, 18, .	2.5	0
294	Perioperative management of patients undergoing combined heart-liver transplantation. Critical Care, 2014, 18, .	2.5	2
295	Impaired balance between coagulation and fibrinolysis plays a prominent role in patients with sepsis. Critical Care, 2014, 18, .	2.5	0
296	Clinical usefulness of measurement of plasma soluble fibrin levels in critically ill patients. Critical Care, 2014, 18, .	2.5	0
297	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
298	Receptor for advanced glycation end products axis in critically ill patients. Critical Care, 2014, 18, .	2.5	0
299	Usefulness of the endotoxin activity assay as a biomarker to assess severity in ICU patients. Critical Care, 2014, 18, .	2.5	0

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300	Usefulness of presepsin and procalcitonin levels in the diagnosis of sepsis in patients with acute kidney injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
301	Differentiating sepsis from non-infective systemic inflammatory response syndrome: comparison between C-reactive protein and leptin. <i>Critical Care</i> , 2014, 18, .	2.5	0
302	Use of procalcitonin and white blood cells as combined predictors of infection in cardiac surgery patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
303	Single pro-adrenomedullin determination in septic shock and 28-day mortality. <i>Critical Care</i> , 2014, 18, .	2.5	0
304	Club Cell protein: a candidate diagnostic biomarker of <i>Pseudomonas aeruginosa</i> nosocomial pneumonia. <i>Critical Care</i> , 2014, 18, .	2.5	0
305	Plasma cholinesterase activity as diagnostic marker for systemic inflammation. <i>Critical Care</i> , 2014, 18, .	2.5	1
306	Pre-analytic factors and initial biomarker levels in community- acquired pneumonia patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
307	Altered T-cell repertoire diversity in septic shock patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
308	Association between DNA haplogroups and severe sepsis in patients who underwent major surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
309	Activated protein C consumption and coagulation parameters in severe sepsis and septic shock. <i>Critical Care</i> , 2014, 18, .	2.5	0
310	Flow-cytometric analysis in traumatic brain injury to evaluate immunosuppression. <i>Critical Care</i> , 2014, 18, .	2.5	1
311	Polymorphonuclear cell surface expression patterns differ in inflammatory and infectious stages in polytraumatized and septic shock patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
312	Lymphocyte surface expression patterns differ in inflammatory and infectious stages in polytraumatized and septic shock patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
313	Cl:Na ratio on ICU admission as a prognostic indicator of mortality in sepsis patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
314	Dysfunction of peroxisomes as one of the possible causes of multiple organ dysfunction syndrome development. <i>Critical Care</i> , 2014, 18, .	2.5	0
315	Differential effect of alcohol on TNF $\alpha$ receptor II production in the presence of LPS challenge ex vivo. <i>Critical Care</i> , 2014, 18, .	2.5	0
316	Neutrophil phenotype model for extracorporeal treatment of sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
317	Prolactin, cortisol and heat shock proteins in early sepsis: preliminary data. <i>Critical Care</i> , 2014, 18, .	2.5	0

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318	AMP-protein kinase may protect against sepsis-induced acute kidney injury through modulation of immune response and endothelial activation. <i>Critical Care</i> , 2014, 18, .	2.5	0
319	Study of the ex vivo immune response of polytrauma older patients in the ICU on admission: preliminary results. <i>Critical Care</i> , 2014, 18, .	2.5	1
320	Multiple trauma is linked with reversal of immunoparalysis and provides survival benefit from <i>Pseudomonas aeruginosa</i> . <i>Critical Care</i> , 2014, 18, .	2.5	0
321	Delayed admission to the ICU is associated with increased in-hospital mortality in patients with community-acquired severe sepsis or shock. <i>Critical Care</i> , 2014, 18, .	2.5	1
322	Effect of clarithromycin in patients with Gram-negative sepsis: subgroup analysis of a randomized trial. <i>Critical Care</i> , 2014, 18, .	2.5	1
323	Benefit profile of recombinant human soluble thrombomodulin in sepsis-induced DIC. <i>Critical Care</i> , 2014, 18, .	2.5	0
324	Comprehensive assessment of the true sepsis burden using electronic health record screening augmented by natural language processing. <i>Critical Care</i> , 2014, 18, .	2.5	3
325	Outcomes of neutropenic patients with severe sepsis on a specialist cancer ICU. <i>Critical Care</i> , 2014, 18, .	2.5	2
326	Vitamin D and ICU outcome in septic patients: a difficult connection?. <i>Critical Care</i> , 2014, 18, .	2.5	0
327	A meta-analysis of randomized controlled trials on the use of statins in septic patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
328	Efficacy of early administration of thrombomodulin alfa in patients with sepsis-induced disseminated intravascular coagulation: subanalysis from post-marketing surveillance data. <i>Critical Care</i> , 2014, 18, .	2.5	0
329	Dynamic myocardial depression in septic cardiomyopathy. <i>Critical Care</i> , 2014, 18, .	2.5	0
330	Significant change in the practice of chest radiography in Dutch ICUs. <i>Critical Care</i> , 2014, 18, .	2.5	0
331	Stating clear indications for chest radiographs after cardiac surgery increases their efficacy and safely reduces costs. <i>Critical Care</i> , 2014, 18, .	2.5	0
332	Evaluation of early graft function in a case series of lung-transplanted patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
333	Lung function in the immediate postoperative period after videoassisted thoracoscopic and thoracotomy pulmonary resection. <i>Critical Care</i> , 2014, 18, .	2.5	0
334	Lung ultrasound reaeration score: a useful tool to predict non-invasive ventilation effectiveness. <i>Critical Care</i> , 2014, 18, .	2.5	2
335	Ultrasound in the diagnosis of pneumothorax: a survey of current practice. <i>Critical Care</i> , 2014, 18, .	2.5	0

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336	Computed tomographic assessment of airflow obstruction in smoke inhalation injury. Critical Care, 2014, 18, .	2.5	0
337	Semi-upright position improves ventilation and oxygenation in mechanically ventilated intensive care patients. Critical Care, 2014, 18, .	2.5	3
338	Effects of sitting on the respiratory pattern, mechanics and work of breathing in mechanically ventilated patients. Critical Care, 2014, 18, .	2.5	0
339	The win ratio method: a novel hierarchical endpoint for pneumonia trials in patients on mechanical ventilation. Critical Care, 2014, 18, .	2.5	6
340	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
341	Nonventilatory factors affecting noninvasive mechanical ventilation success in hypercapnic critical care patients. Critical Care, 2014, 18, .	2.5	0
342	Physiologic comparison between NAVA, PAV+ and PSV in critically ill patients. Critical Care, 2014, 18, .	2.5	0
343	Oxygenation index outperforms the P/F ratio for mortality prediction. Critical Care, 2014, 18, .	2.5	1
344	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
345	New setting of neurally adjusted ventilatory assist during mask noninvasive ventilation. Critical Care, 2014, 18, .	2.5	0
346	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. Critical Care, 2014, 18, .	2.5	0
347	Is neurally adjusted ventilatory assist feasible during anesthesia?. Critical Care, 2014, 18, .	2.5	0
348	PEEP titration on the basis of intratidal resistance-volume profiles. Critical Care, 2014, 18, .	2.5	0
349	US study of gliding in nondependent lung regions: the dark side of the moon. Critical Care, 2014, 18, .	2.5	0
350	Protective ventilation reduces bacterial growth and lung injury in a porcine pneumonia model. Critical Care, 2014, 18, .	2.5	0
351	Changes in computed tomography and ventilation/perfusion mismatch with positive end-expiratory pressure. Critical Care, 2014, 18, .	2.5	0
352	Ventilator settings in ICUs: comparing a Dutch with a global cohort. Critical Care, 2014, 18, .	2.5	0
353	Graphical user interface for visualization of a decision support system for PEEP titration. Critical Care, 2014, 18, .	2.5	0

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354	Time-dependent apoptosis induction after spontaneous-breathing or ventilation-analogue experimental mechanostimulation of monolayer lung cell cultures. <i>Critical Care</i> , 2014, 18, .	2.5	0
355	Influence of positive end-expiratory pressure on cyclic recruitment and derecruitment during one breathing cycle in porcine acute lung injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
356	Effect of positive end-expiratory pressure on right ventricle function assessed by speckle tracking echocardiography. <i>Critical Care</i> , 2014, 18, .	2.5	0
357	Airway pressure release ventilation restores hemodynamic stability in patients with cardiogenic shock: initial experience in cardiac intensive care. <i>Critical Care</i> , 2014, 18, .	2.5	0
358	Experimental VILI begins with subpleural lung lesions. <i>Critical Care</i> , 2014, 18, .	2.5	0
359	CT scan and ultrasound comparative assessment of PEEP-induced lung aeration changes in ARDS. <i>Critical Care</i> , 2014, 18, .	2.5	9
360	Effect of tidal volume and positive end-expiratory pressure on lung hysteresis of healthy piglets. <i>Critical Care</i> , 2014, 18, .	2.5	0
361	Evaluation and quantification of pulmonary hyperinflation in three gravitational zones of domestic felines by computed tomography. <i>Critical Care</i> , 2014, 18, .	2.5	0
362	Effect of inhaled nitric oxide on apoptosis of lymphocytes in newborns in a critical state. <i>Critical Care</i> , 2014, 18, .	2.5	1
363	High-frequency oscillatory ventilation use in patients with H1N1: a single-centre review. <i>Critical Care</i> , 2014, 18, .	2.5	0
364	EIT comparison of airway pressure release ventilation and conventional ventilation. <i>Critical Care</i> , 2014, 18, .	2.5	0
365	Comparison of HFOV and conventional ventilation in H1N1 influenza ARDS. <i>Critical Care</i> , 2014, 18, .	2.5	0
366	Opening pressures and intratidal opening and closing in ARDS lung. <i>Critical Care</i> , 2014, 18, .	2.5	0
367	Compliance with protective lung ventilation in an Irish teaching hospital. <i>Critical Care</i> , 2014, 18, .	2.5	0
368	Mechanisms underlying the lung-protective effects of FLOW-controlled EXpiration. <i>Critical Care</i> , 2014, 18, .	2.5	2
369	Fluid balance predicts weaning failure in chronic obstructive pulmonary disease patients. <i>Critical Care</i> , 2014, 18, .	2.5	3
370	Role of the rapid shallow breathing index to predict the success of mechanical ventilator liberation in acute respiratory failure. <i>Critical Care</i> , 2014, 18, .	2.5	0
371	Determinants of ventilator weaning outcome in a medical-surgical ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1

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372	Microbiology and outcomes of severe pneumonia in critically ill cancer patients. Critical Care, 2014, 18, .	2.5	0
373	Biomarker-based exclusion of ventilator-associated pneumonia: a multicentre validation study. Critical Care, 2014, 18, .	2.5	1
374	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
375	Surveillance and evaluation of ventilator-associated events as per Centers for Disease Control and Prevention guidelines. Critical Care, 2014, 18, .	2.5	0
376	Extracorporeal carbon dioxide removal as a bridge to lung transplantation in life-threatening hypercapnia. Critical Care, 2014, 18, .	2.5	0
377	Quantifying sputum production in intensive therapy. Critical Care, 2014, 18, .	2.5	0
378	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
379	Inhalation injury and clinical course in major burned patients. Critical Care, 2014, 18, .	2.5	0
380	Severe respiratory failure in multiple trauma patients: extracorporeal support as a salvage therapy - a single-center experience. Critical Care, 2014, 18, .	2.5	0
381	Advanced respiratory care techniques in a severe adult respiratory failure unit. Critical Care, 2014, 18, .	2.5	0
382	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
383	Does geography affect referral rates for extracorporeal membrane oxygenation in England?. Critical Care, 2014, 18, .	2.5	0
384	Assessment of an endotracheal tube cleaning closed-suctioning system by micro-computed tomography: preliminary clinical data. Critical Care, 2014, 18, .	2.5	0
385	Does cost affect endotracheal tube performance?. Critical Care, 2014, 18, .	2.5	0
386	Tracheostomy in obese patients: the best tube choice issue. Critical Care, 2014, 18, .	2.5	1
387	Development of the novel Tracoe Twist Plus tracheostomy tube. Critical Care, 2014, 18, .	2.5	0
388	Double-lumen endotracheal tube for percutaneous tracheostomy: in vitro and in vivo preliminary data. Critical Care, 2014, 18, .	2.5	0
389	National survey of ICUs in the UK: discharging patients with tracheostomies. Critical Care, 2014, 18, .	2.5	0

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390	Percutaneous dilatational tracheostomy in patients with severe coagulopathy or thrombocytopenia. Critical Care, 2014, 18, .	2.5	0
391	Repeat bedside percutaneous tracheostomy: still a contraindication?. Critical Care, 2014, 18, .	2.5	1
392	National UK survey: a review of percutaneous tracheostomy and auxiliary subglottic suction port use. Critical Care, 2014, 18, .	2.5	2
393	Is the post-critical care environment safe for tracheostomy patients?. Critical Care, 2014, 18, .	2.5	0
394	Survey on the use of chlorhexidine and toothpaste as part of oral care in UK ICUs. Critical Care, 2014, 18, .	2.5	0
395	Survey of the use and practicalities of subglottic suction drainage in the UK. Critical Care, 2014, 18, .	2.5	0
396	Intravenous perfluorocarbons increased oxygen delivery/ consumption in ARDS in swine. Critical Care, 2014, 18, .	2.5	0
397	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
398	Injurious ventilation has an age-dependent affect on the pulmonary renin-angiotensin system in LPS-challenged rats. Critical Care, 2014, 18, .	2.5	1
399	Role of Th1 and Th17 imbalance in acute lung injury mice. Critical Care, 2014, 18, .	2.5	0
400	Comparison of CD80 level on dendritic cells in acute lung injury mice. Critical Care, 2014, 18, .	2.5	0
401	Five-year single-centre review of ARDS patients receiving high-frequency oscillatory ventilation. Critical Care, 2014, 18, .	2.5	0
402	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
403	Echocardiographic guidance for Avalon Elite dual-lumen catheter implantation. Critical Care, 2014, 18, .	2.5	4
404	Risk factors for multi-resistant organisms in sepsis. Critical Care, 2014, 18, .	2.5	0
405	Clostridium difficile infection in ICU patients. Critical Care, 2014, 18, .	2.5	0
406	Retrospective observational analysis of the infective risk of arterial lines in a general ICU. Critical Care, 2014, 18, .	2.5	0
407	Reducing CR-BSI in a general ICU. Critical Care, 2014, 18, .	2.5	0

#	ARTICLE	IF	CITATIONS
408	Risk factors of candidemia in postoperative ICU patients: a prospective study. <i>Critical Care</i> , 2014, 18, .	2.5	1
409	<i>Escherichia coli</i> infection in Polish neonatology ICUs in 2009 to 2012. <i>Critical Care</i> , 2014, 18, .	2.5	0
410	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
411	Surveillance for nosocomial pathogens in our ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
412	<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
413	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
414	Pharmacokinetics of antituberculosis drugs in critically ill patients with tuberculosis and acute respiratory failure. <i>Critical Care</i> , 2014, 18, .	2.5	0
415	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
416	Vancomycin-resistant enterococci: eradication using vancomycin?. <i>Critical Care</i> , 2014, 18, .	2.5	0
417	Audit of bacteraemia management in a university hospital ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
418	Sepsis: impact of timely and appropriate empirical antibiotic therapy on mortality. <i>Critical Care</i> , 2014, 18, .	2.5	1
419	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
420	Inhaled tobramycin for the treatment of nosocomial pneumonia in sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
421	Sternal wound infections in cardiac surgery: effects of vancomycin prophylaxis. <i>Critical Care</i> , 2014, 18, .	2.5	0
422	Retrospective analysis of the clinical utility of blood cultures taken surrounding intensive care admission. <i>Critical Care</i> , 2014, 18, .	2.5	0
423	Employing quality improvement methodology in sepsis: an electronic sepsis order set further improves compliance with the Surviving Sepsis Campaign 3-hour bundle. <i>Critical Care</i> , 2014, 18, .	2.5	0
424	Acute kidney injury in cardiorenal syndrome type 1: a meta-analysis. <i>Critical Care</i> , 2014, 18, .	2.5	0
425	Early detection of postoperative acute kidney injury by Doppler renal resistive index in major lung and cardiac operations. <i>Critical Care</i> , 2014, 18, .	2.5	0



#	ARTICLE	IF	CITATIONS
426	Renal resistive index at ICU admission and its change after 24 hours predict acute kidney injury in sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	6
427	Acute kidney injury and cardiac surgery: impact of fluid balance on AKI classification and prognosis. <i>Critical Care</i> , 2014, 18, .	2.5	0
428	Acute kidney injury of all severity is associated with extended hospitalization after critical illness. <i>Critical Care</i> , 2014, 18, .	2.5	2
429	Early acute kidney injury in nonsepsis, noncardiac surgical patients admitted to a general surgical ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
430	Impact of kidney function calculation formulae on predicting early adverse renal events in cardiac surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
431	Fluid accumulation increases the risk of AKI progression and death in critically ill patients with early AKI. <i>Critical Care</i> , 2014, 18, .	2.5	2
432	Postoperative acute kidney injury in patients with gynecologic malignancies. <i>Critical Care</i> , 2014, 18, .	2.5	0
433	Acute kidney injury after elective adult cardiac surgery. <i>Critical Care</i> , 2014, 18, .	2.5	0
434	Incidence and outcomes of contrast-induced nephropathy in adult ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
435	Human acute kidney injury is associated with a proinflammatory phenotype. <i>Critical Care</i> , 2014, 18, .	2.5	0
436	Risk factors for the development of contrast-induced nephropathy in ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
437	Test characteristics of acute kidney injury biomarkers in animal models of sepsis. <i>Critical Care</i> , 2014, 18, .	2.5	0
438	Perioperative measurement of urinary oxygen tension as a tool in the prevention of acute kidney injury?. <i>Critical Care</i> , 2014, 18, .	2.5	0
439	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. <i>Critical Care</i> , 2014, 18, .	2.5	0
440	Urine TIMP2 ã— IGFBP7 increases 24 hours before severe AKI. <i>Critical Care</i> , 2014, 18, .	2.5	0
441	Resveratrol ameliorates apoptosis induced by contrast medium ioxitalamate in HK-2 human renal proximal tubule cells in vitro. <i>Critical Care</i> , 2014, 18, .	2.5	1
442	Estimated GFR versus creatinine clearance for evaluation of recovery from acute kidney injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
443	Recovery from AKI by KDIGO criteria. <i>Critical Care</i> , 2014, 18, .	2.5	1

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444	Incidence and outcomes of acute kidney injury following orthotopic lung transplant: a population-based cohort study. <i>Critical Care</i> , 2014, 18, .	2.5	2
445	Fluid accumulation post cardiac surgery and risk for renal replacement therapy. <i>Critical Care</i> , 2014, 18, .	2.5	0
446	Recovery of renal function after acute kidney injury requiring continuous renal replacement therapy. <i>Critical Care</i> , 2014, 18, .	2.5	0
447	Relation between preoperative use of diuretics and renal replacement therapy after cardiac surgery: a propensity score analysis. <i>Critical Care</i> , 2014, 18, .	2.5	1
448	Continuous renal replacement therapy (CVVHD) for acute kidney injury in critical care: incidence and outcome across South West Wales. <i>Critical Care</i> , 2014, 18, .	2.5	2
449	Renal replacement therapy in very elderly critical care patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
450	Preventing continuous renal replacement therapies (CRRT)-induced hypophosphatemia using a phosphate-containing CRRT solution in the setting of regional citrate anticoagulation. <i>Critical Care</i> , 2014, 18, .	2.5	0
451	Evaluation of functional differences between two anticoagulation methods used in continuous renal replacement therapy in critical patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
452	Development of key performance indicators for renal replacement therapy in adult intensive care to guide safe and cost-effective therapy. <i>Critical Care</i> , 2014, 18, .	2.5	0
453	Effectiveness of sub-albumin protein leakage membrane EMIC2 in post-cardiac surgery rhabdomyolysis. <i>Critical Care</i> , 2014, 18, .	2.5	0
454	Myoglobin removal of small-protein leakage membrane (EMIC2) in patients in the ICU: a case series. <i>Critical Care</i> , 2014, 18, .	2.5	2
455	Plasma filtration with dialysis (plasma diafiltration) in critically ill patients with acute liver failure. <i>Critical Care</i> , 2014, 18, .	2.5	0
456	Efficacy of continuous plasma diafiltration therapy. <i>Critical Care</i> , 2014, 18, .	2.5	0
457	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
458	Pharmacodynamics and pharmacokinetics of ciprofloxacin during sustained low-efficiency dialysis. <i>Critical Care</i> , 2014, 18, .	2.5	0
459	Pharmacokinetics of meropenem during continuous renal replacement therapy in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
460	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
461	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

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462	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
463	Polymyxin B-immobilized fiber hemoperfusion therapy improves sepsis-related immunosuppression. <i>Critical Care</i> , 2014, 18, .	2.5	0
464	Endotoxin activity assay and polymyxin B hemoperfusion use in a cohort of critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
465	An assessment of long-term sleep quality using actigraphy in survivors of critical illness. <i>Critical Care</i> , 2014, 18, .	2.5	0
466	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
467	Simplified versus standard EEG to measure the depth of sedation in mechanically ventilated ICU patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
468	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
469	Off-label use of clonidine for sedation in Dutch ICUs. <i>Critical Care</i> , 2014, 18, .	2.5	1
470	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
471	Propofol: monitoring for complications. <i>Critical Care</i> , 2014, 18, .	2.5	1
472	Influence of increased intracranial pressure on sevoflurane-fentanyl anesthesia in major abdominal surgery. <i>Critical Care</i> , 2014, 18, .	2.5	1
473	Quantifying sedation satisfaction during bronchoscopy using the Bispectral Index. <i>Critical Care</i> , 2014, 18, .	2.5	0
474	Risk factor of withdrawal syndrome in the paediatric ICU. <i>Critical Care</i> , 2014, 18, .	2.5	1
475	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
476	Delirium screening, prevention and treatment in the ICU: a systematic review of implementation strategies. <i>Critical Care</i> , 2014, 18, .	2.5	1
477	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
478	Increased threshold for gastric residual volumes and impact on nutrition in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
479	Early enteral feeding in the septic critically ill patient: evaluation of our feeding protocol. <i>Critical Care</i> , 2014, 18, .	2.5	1

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480	A nutritional protocol and personalized support reduce the cumulative caloric deficit of cardiac surgery patients. <i>Critical Care</i> , 2014, 18, .	2.5	2
481	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
482	Acid-base disorders according to the Stewart approach in septic patients. <i>Critical Care</i> , 2014, 18, .	2.5	0
483	Changes in urinary electrolytes during acute respiratory acid-base modifications. <i>Critical Care</i> , 2014, 18, .	2.5	1
484	Admission hypomagnesemia as a mortality predictor in medical critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	2
485	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
486	Effect of albumin and total protein concentration on plasma sodium measurements in the ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
487	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
488	Cardiac surgery alters the sensitivity of the dynamic interaction between the pituitary and adrenal glands. <i>Critical Care</i> , 2014, 18, .	2.5	0
489	Melatonin blood values and total antioxidant capacity in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	3
490	Continuous prediction of glucose-level changes using an electronic nose in critically ill patients. <i>Critical Care</i> , 2014, 18, .	2.5	1
491	Evaluation of blood glucose control in ICU patients with Space GlucoseControl: a European study. <i>Critical Care</i> , 2014, 18, .	2.5	0
492	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
493	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
494	Glycaemia and critical care outcomes. <i>Critical Care</i> , 2014, 18, .	2.5	0
495	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
496	Impact of corticosteroid administration in septic shock on glycemic variability. <i>Critical Care</i> , 2014, 18, .	2.5	0
497	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

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498	Anti-inflammatory and antioxidant effects of ranolazine on primary cultured astrocytes. Critical Care, 2014, 18, .	2.5	1
499	Intrathecal lactate to predict spinal cord ischemia in major abdominal surgery. Critical Care, 2014, 18, .	2.5	0
500	Predictors of ventilatory outcome in cervical spinal injuries. Critical Care, 2014, 18, .	2.5	0
501	Evaluation of the ocular microcirculation in brain-dead patients: first step towards a new method of multimodal neuromonitoring?. Critical Care, 2014, 18, .	2.5	0
502	External validation of an early warning alert for elevated intracranial pressure in the Avert-IT database. Critical Care, 2014, 18, .	2.5	1
503	New support system using a mobile device for diagnostic image display and treatment of acute stroke in Japanese depopulated areas. Critical Care, 2014, 18, .	2.5	0
504	Effects of cardiac output-guided hemodynamic management on fluid administration after aneurysmal subarachnoid hemorrhage. Critical Care, 2014, 18, .	2.5	1
505	Effect of transient cerebral ischemia on the expression of receptor for advanced glycation end products in the gerbil hippocampus proper. Critical Care, 2014, 18, .	2.5	0
506	Correlation of thermal Doppler flowmetry and microdialysis values in patients with severe subarachnoid hemorrhage and traumatic brain injury. Critical Care, 2014, 18, .	2.5	0
507	New look at the 20 mmHg ICP threshold. Critical Care, 2014, 18, .	2.5	1
508	Model of intracranial hypertension of tumor etiology in laboratory rats. Critical Care, 2014, 18, .	2.5	0
509	Arterial-jugular bulb differences in pCO <sub>2</sub> , lactate, serum sodium and C-reactive protein in neurocritical patients. Critical Care, 2014, 18, .	2.5	0
510	Accuracy of transcranial color-coded duplex sonography in predicting clinical vasospasm and delayed cerebral ischemia in patients with subarachnoid hemorrhage. Critical Care, 2014, 18, .	2.5	0
511	Brain death determination in Europe: one condition with too many nuances. Critical Care, 2014, 18, .	2.5	0
512	What do brain-dead patients ultimately die of?. Critical Care, 2014, 18, .	2.5	0
513	Acute and long-term outcomes of ICU-acquired weakness: a cohort study and propensity matched analysis. Critical Care, 2014, 18, .	2.5	3
514	Early electrophysiological diagnosis of ICU-acquired weakness. Critical Care, 2014, 18, .	2.5	0
515	Choosing a cerebral near-infrared spectroscopy system for use in traumatic brain injury: deriving the ideal source detector layout. Critical Care, 2014, 18, .	2.5	1

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516	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
517	Long-term outcome after severe traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
518	Vitamin D level could affect the recovery rate in traumatic brain injury: a retrospective study. <i>Critical Care</i> , 2014, 18, .	2.5	2
519	Could selected probiotics have beneficial effects on clinical outcome of severe traumatic brain injury patients?. <i>Critical Care</i> , 2014, 18, .	2.5	6
520	Effect of blood alcohol level on outcome of patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
521	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
522	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
523	Functional status after 3 years in ICU patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
524	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
525	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
526	Predicting 6-month mortality of patients with traumatic brain injury: usefulness of common severity scores. <i>Critical Care</i> , 2014, 18, .	2.5	0
527	Work activities after 3-year follow-up in ICU patients with traumatic brain injury. <i>Critical Care</i> , 2014, 18, .	2.5	0
528	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
529	Video analysis of cardiopulmonary resuscitation performance of ambulance crews during transportation. <i>Critical Care</i> , 2014, 18, .	2.5	0
530	Implementation of the PulsePoint smartphone application for crowd-sourcing bystander resuscitation. <i>Critical Care</i> , 2014, 18, .	2.5	9
531	Emergency room advanced life support after cardiac arrest: outcomes and survival, nursing care and team response. <i>Critical Care</i> , 2014, 18, .	2.5	0
532	What is the role of head computed tomography in post-resuscitation care?. <i>Critical Care</i> , 2014, 18, .	2.5	1
533	To see or not to see: does video CPR perform better than telephone CPR?. <i>Critical Care</i> , 2014, 18, .	2.5	0

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534	Initial anticoagulation strategy for extracorporeal cardiopulmonary resuscitation patients. Critical Care, 2014, 18, .	2.5	0
535	Predictors of poor outcome in out-of-hospital cardiac arrest. Critical Care, 2014, 18, .	2.5	0
536	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
537	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
538	Post Arrest Consult Team: a knowledge translation strategy for post-cardiac arrest care. Critical Care, 2014, 18, .	2.5	0
539	One-year assessment of in-hospital cardiac arrest. Critical Care, 2014, 18, .	2.5	3
540	Endovascular hypothermia after cardiac arrest in a Chilean ICU. Critical Care, 2014, 18, .	2.5	0
541	Knowledge and use of therapeutic hypothermia in cardiac arrest victims among healthcare staff in Greece. Critical Care, 2014, 18, .	2.5	0
542	Induced hypothermia of 33Â°C does not affect host response compared with maintaining 36Â°C. Critical Care, 2014, 18, .	2.5	0
543	Shivering during targeted temperature management after cardiac arrest: a physiologic description. Critical Care, 2014, 18, .	2.5	0
544	Temperature management following cardiac arrest: introducing a protocol improves compliance with targets. Critical Care, 2014, 18, .	2.5	0
545	Factors involved in prolonged effect of neuromuscular blockade in therapeutic hypothermia. Critical Care, 2014, 18, .	2.5	0
546	Serum phosphate concentration during the rewarming period after deep hypothermic circulatory arrest. Critical Care, 2014, 18, .	2.5	1
547	Influence of baseline magnesium concentrations on shivering in therapeutic temperature modulation. Critical Care, 2014, 18, .	2.5	1
548	Derived electromyography is an accurate measure of shivering burden during targeted temperature management. Critical Care, 2014, 18, .	2.5	0
549	Lactate clearance as a predictor of mortality in colonic perforation. Critical Care, 2014, 18, .	2.5	0
550	Intensive alveolar recruitment after cardiac surgery: a randomized controlled clinical trial. Critical Care, 2014, 18, .	2.5	0
551	Adipose tissue lactate clearance but not blood lactate clearance is associated with clinical outcome in severe sepsis or septic shock during the post-resuscitation period. Critical Care, 2014, 18, .	2.5	0

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552	Correlation between arterial lactate and venous lactate in patients with sepsis and septic shock. <i>Critical Care</i> , 2014, 18, .	2.5	6
553	Value of peak flow rates measured during a spontaneous breathing trial to predict success of weaning from mechanical ventilation. <i>Critical Care</i> , 2014, 18, .	2.5	0
554	Clinical Course and Outcomes of Critically Ill Patients With Middle East Respiratory Syndrome Coronavirus Infection. <i>Annals of Internal Medicine</i> , 2014, 160, 389-397.	2.0	475
555	Implementation of the Behavioural Pain Scale in sedated mechanically ventilated patients in a UK ICU. <i>Critical Care</i> , 2014, 18, .	2.5	0
557	Acute lung injury and ARDS. , 0, , 361-373.		0
558	Improved Oxygenation 24 Hours After Transition to Airway Pressure Release Ventilation or High-Frequency Oscillatory Ventilation Accurately Discriminates Survival in Immunocompromised Pediatric Patients With Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, e147-e156.	0.2	46
559	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e599-e601.	0.4	2
560	T-cell receptor activation-associated cytokine release is impaired in septic patients with faecal peritonitis. <i>Critical Care</i> , 2014, 18, .	2.5	0
561	Academy brief. <i>Colombian Journal of Anesthesiology</i> , 2015, 43, 117-118.	0.5	0
562	Breves de la academia. <i>Colombian Journal of Anesthesiology</i> , 2015, 43, 117-118.	0.5	0
563	Models of a PaO <sub>2</sub> Course during a Stepwise Change of Continuous Distending Pressure in HFOV. , 2015, , .		0
564	Advances in the support of respiratory failure: putting all the evidence together. <i>Critical Care</i> , 2015, 19, S4.	2.5	5
565	THAM reduces CO <sub>2</sub> -associated increase in pulmonary vascular resistance – an experimental study in lung-injured piglets. <i>Critical Care</i> , 2015, 19, 331.	2.5	4
566	The effects of airway pressure release ventilation on respiratory mechanics in extrapulmonary lung injury. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 35.	0.9	42
567	Prone position for acute respiratory failure in adults. <i>The Cochrane Library</i> , 2020, 2020, CD008095.	1.5	118
568	A calibrated measuring tape accurately predicts tidal volumes from ulna length. <i>Journal of the Intensive Care Society</i> , 2015, 16, 302-305.	1.1	5
569	Right over left ventricular end-diastolic area relevance to predict hemodynamic intolerance of high-frequency oscillatory ventilation in patients with severe ARDS. <i>Annals of Intensive Care</i> , 2015, 5, 25.	2.2	9
570	Alveolar instability (atelectrauma) is not identified by arterial oxygenation predisposing the development of an occult ventilator-induced lung injury. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 54.	0.9	19



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571	High-Frequency Oscillatory Ventilation in Pediatric Acute Lung Injury. <i>Critical Care Medicine</i> , 2015, 43, 2660-2667.	0.4	35
572	The Acute Respiratory Distress Syndrome. <i>Baylor University Medical Center Proceedings</i> , 2015, 28, 163-171.	0.2	35
573	Open Lung in Lateral Decubitus With Differential Selective Positive End-Expiratory Pressure in an Experimental Model of Early Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2015, 43, e404-e411.	0.4	9
574	Multifrequency Oscillatory Ventilation in the Premature Lung. <i>Anesthesiology</i> , 2015, 123, 1394-1403.	1.3	25
575	High-Frequency Oscillation in Pediatric Respiratory Failure. <i>Critical Care Medicine</i> , 2015, 43, 2697-2698.	0.4	0
576	High-frequency Ventilation Does Not Provide Mortality Benefit in Comparison with Conventional Lung-protective Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2015, 122, 841-851.	1.3	27
577	Use of ECMO in the Management of Severe Acute Respiratory Distress Syndrome. <i>ASAIO Journal</i> , 2015, 61, 556-563.	0.9	7
578	Academy brief†. <i>Colombian Journal of Anesthesiology</i> , 2015, 43, 117-118.	0.5	0
579	Progress and perspectives in pediatric acute respiratory distress syndrome. <i>Revista Brasileira De Terapia Intensiva</i> , 2015, 27, 266-73.	0.1	19
580	Mechanical Ventilation for ARDS Patients â€œ For a Better Understanding of the 2012 Surviving Sepsis Campaign Guidelines. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2015, 15, 41-45.	0.2	9
581	The Role of Omega-3 Polyunsaturated Fatty Acids in the Treatment of Patients with Acute Respiratory Distress Syndrome: A Clinical Review. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	27
582	Ventilator-Induced Lung Injury (VILI) in Acute Respiratory Distress Syndrome (ARDS): Volutrauma and Molecular Effects. <i>Open Respiratory Medicine Journal</i> , 2015, 9, 112-119.	1.3	43
583	Mechanical ventilation of the patient following traumatic injury. , 0, , 340-352.		1
584	Ventilatory Support in Children With Pediatric Acute Respiratory Distress Syndrome. <i>Pediatric Critical Care Medicine</i> , 2015, 16, S51-S60.	0.2	118
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586	Evaluation of an intervention to reduce tidal volumes in ventilated ICU patients â€œâ€¦. <i>British Journal of Anaesthesia</i> , 2015, 115, 244-251.	1.5	15
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608	High-Frequency Percussive Ventilation. <i>A &amp; A Case Reports</i> , 2015, 4, 79-84.	0.7	7
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