Mervyn Singer

List of Publications by Year
in descending order

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409	61,117	4383	983
papers	citations	86 h-index	237 g-index

432	432	432	43496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellular and molecular mechanisms of IMMunE dysfunction and Recovery from SEpsis-related critical illness in adults: An observational cohort study (IMMERSE) protocol paper. Journal of the Intensive Care Society, 2022, 23, 318-324.	1.1	5
2	Bacterial infections in critically ill patients with SARS-2-COVID-19 infection: results of a prospective observational multicenter study. Infection, 2022, 50, 139-148.	2.3	34
3	Sepsis and Septic Shock. , 2022, , 564-575.		0
4	The Many Roles of Cholesterol in Sepsis: A Review. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 388-396.	2.5	30
5	Non-invasive respiratory support in the management of acute COVID-19 pneumonia: considerations for clinical practice and priorities for research. Lancet Respiratory Medicine,the, 2022, 10, 199-213.	5.2	35
6	Effect of dexamethasone in patients with ARDS and COVID-19 (REMED trial)â€"study protocol for a prospective, multi-centre, open-label, parallel-group, randomized controlled trial. Trials, 2022, 23, 35.	0.7	4
7	Do antibiotics cause mitochondrial and immune cell dysfunction? A literature review. Journal of Antimicrobial Chemotherapy, 2022, 77, 1218-1227.	1.3	12
8	Biomarkers for sepsis: more than just fever and leukocytosisâ€"a narrative review. Critical Care, 2022, 26, 14.	2.5	126
9	Mortality and clinical cure rates for pneumonia: a systematic review, meta-analysis, and trial sequential analysis of randomized control trials comparing bactericidal and bacteriostatic antibiotic treatments. Clinical Microbiology and Infection, 2022, 28, 936-945.	2.8	7
10	Executable network of SARS-CoV-2-host interaction predicts drug combination treatments. Npj Digital Medicine, 2022, 5, 18.	5.7	5
11	Modulation of LTCC Pathways by a Melusin Mimetic Increases Ventricular Contractility During LPS-Induced Cardiomyopathy. Shock, 2022, 57, 318-325.	1.0	1
12	Challenging management dogma where evidence is non-existent, weak or outdated. Intensive Care Medicine, 2022, 48, 548-558.	3.9	10
13	Female hormones prevent sepsis-induced cardiac dysfunction: an experimental randomized study. Scientific Reports, 2022, 12, 4939.	1.6	5
14	Beneficial ex vivo immunomodulatory and clinical effects of clarithromycin in COVID-19. Journal of Infection and Chemotherapy, 2022, , .	0.8	0
15	Less Haste, More Speed, More Science â€“ Lessons to be Learnt from COVID-19 Studies. American Journal of Respiratory and Critical Care Medicine, 2022, , .	2.5	0
16	The utility of CRP with the use of dexamethasone and Tocilizumab in critically ill patients with COVID-19. Journal of Critical Care, 2022, 70, 154053.	1.0	3
17	Redefining critical illness. Nature Medicine, 2022, 28, 1141-1148.	15.2	136
18	Presymptomatic diagnosis of postoperative infection and sepsis using gene expression signatures. Intensive Care Medicine, 2022, 48, 1133-1143.	3.9	18

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19	Effect of Extracorporeal Blood Purification on Mortality in Sepsis: A Meta-Analysis and Trial Sequential Analysis. Blood Purification, 2021, 50, 462-472.	0.9	28
20	Inhaled nitric oxide minimally improves oxygenation in COVID-19 related acute respiratory distress syndrome. British Journal of Anaesthesia, 2021, 126, e44-e46.	1.5	48
21	Outcomes for patients with COVIDâ€19: known knowns, known unknowns, and unknown unknowns. Medical Journal of Australia, 2021, 214, 20-21.	0.8	1
22	COVID-19 and non-COVID ARDS patients demonstrate a distinct response to low dose steroids- A retrospective observational study. Journal of Critical Care, 2021, 62, 46-48.	1.0	5
23	Plasma exchange for COVIDâ€19 thromboâ€inflammatory disease. EJHaem, 2021, 2, 26-32.	0.4	24
24	Sepsis: the importance of an accurate final diagnosis. Lancet Respiratory Medicine,the, 2021, 9, 17-18.	5.2	8
25	Current use of inotropes in circulatory shock. Annals of Intensive Care, 2021, 11, 21.	2.2	35
26	Study into the reversal of septic shock with landiolol (beta blockade): STRESS-L Study protocol for a randomised trial. BMJ Open, 2021, 11, e043194.	0.8	3
27	Pathophysiology of sepsis. Current Opinion in Anaesthesiology, 2021, 34, 77-84.	0.9	56
28	Non-specialist therapeutic strategies in acute respiratory distress syndrome: a meta-analysis. Minerva Anestesiologica, 2021, 87, 803-816.	0.6	2
29	Use of IFNÎ³/IL10 Ratio for Stratification of Hydrocortisone Therapy in Patients With Septic Shock. Frontiers in Immunology, 2021, 12, 607217.	2.2	15
30	Effect of dexamethasone in patients with ARDS and COVID-19 â€“ prospective, multi-centre, open-label, parallel-group, randomised controlled trial (REMED trial): A structured summary of a study protocol for a randomised controlled trial. Trials, 2021, 22, 172.	0.7	15
31	The Pharmacology and Therapeutic Utility of Sodium Hydroselenide. International Journal of Molecular Sciences, 2021, 22, 3258.	1.8	7
32	Utilising mass cytometry with CD45 barcoding and standardised leucocyte phenotyping for immune trajectory assessment in critically ill patients. British Journal of Anaesthesia, 2021, 126, e149-e152.	1.5	4
33	Lessons and risks of medical device deployment in a global pandemic. The Lancet Global Health, 2021, 9, e395-e396.	2.9	3
34	High oxygen flow rates with the UCL Ventura CPAP device â€“ Authors' reply. Lancet Respiratory Medicine,the, 2021, 9, e36.	5.2	2
35	Tocilizumab in COVID-19: a meta-analysis, trial sequential analysis, and meta-regression of randomized-controlled trials. Intensive Care Medicine, 2021, 47, 641-652.	3.9	57
36	Low cost devices to help in COVID-19. Trends in Anaesthesia and Critical Care, 2021, 38, 21-23.	0.4	1

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37	Descriptors of Sepsis Using the Sepsis-3 Criteria: A Cohort Study in Critical Care Units Within the U.K. National Institute for Health Research Critical Care Health Informatics Collaborative*. Critical Care Medicine, 2021, 49, 1883-1894.	0.4	11
38	The future of acute and emergency care. Future Healthcare Journal, 2021, 8, e230-e236.	0.6	1
39	Do not just sit there, do something â€¦ but do no harm: the worrying aspects of COVID-19 experimental interventions. Intensive Care Medicine, 2021, 47, 896-898.	3.9	6
40	Cholesterol and its association with muscle weakness in critical illness. Critical Care, 2021, 25, 296.	2.5	0
41	Sepsis in severe COVID-19 is rarely septic shock: a retrospective single-centre cohort study. British Journal of Anaesthesia, 2021, 127, e182-e185.	1.5	6
42	Reflections on Critical Careâ€™s Past, Present, and Future. Critical Care Medicine, 2021, 49, 1855-1865.	0.4	13
43	â€œL'histoire se rÃ©pÃ¨teâ€: one size does not fit all. Authorâ€™s reply. Intensive Care Medicine, 2021, 47, 1171-1172.	3.9	2
44	Defining Potential Therapeutic Targets in Coronavirus Disease 2019: A Cross-Sectional Analysis of a Single-Center Cohort. , 2021, 3, e0488.		2
45	Convalescent plasma for COVID-19: a meta-analysis, trial sequential analysis, and meta-regression. British Journal of Anaesthesia, 2021, 127, 834-844.	1.5	13
46	Sex differences in immunological responses to COVID-19: a cross-sectional analysis of a single-centre cohort. British Journal of Anaesthesia, 2021, 127, e75-e78.	1.5	4
47	Comparison of renal replacement therapy and renal recovery before and during the COVID-19 pandemic: a single center observational study. Minerva Anestesiologica, 2021, 87, 1209-1216.	0.6	1
48	Feasibility of Noninvasive Positive Pressure Ventilation in the Treatment of Oxygen-Dependent COVID-19 Patients in Peru. American Journal of Tropical Medicine and Hygiene, 2021, 105, 727-730.	0.6	3
49	Risk factors associated with bloodstream infections among critically ill patients with COVID-19. Journal of Infection, 2021, 83, e1-e3.	1.7	3
50	Genomic characteristics and clinical effect of the emergent SARS-CoV-2 B.1.1.7 lineage in London, UK: a whole-genome sequencing and hospital-based cohort study. Lancet Infectious Diseases, The, 2021, 21, 1246-1256.	4.6	363
51	Corticosteroids in adult respiratory distress syndrome â€“ an inconvenient truth?. International Journal of Pharmacy Practice, 2021, 29, 642-644.	0.3	1
52	Selective mitochondrial antioxidant MitoTEMPO reduces renal dysfunction and systemic inflammation in experimental sepsis in rats. British Journal of Anaesthesia, 2021, 127, 577-586.	1.5	9
53	Influence of IL-6 levels on patient survival in COVID-19. Journal of Critical Care, 2021, 66, 123-125.	1.0	7
54	DNA Nanodevices with Selective Immune Cell Interaction and Function. ACS Nano, 2021, 15, 4394-4404.	7.3	19

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55	Pathophysiology of sepsis-induced cardiomyopathy. Nature Reviews Cardiology, 2021, 18, 424-434.	6.1	237
56	Intracellularly Released Cholesterol from Polymer-Based Delivery Systems Alters Cellular Responses to Pneumolysin and Promotes Cell Survival. Metabolites, 2021, 11, 821.	1.3	3
57	Equilibrating SSC guidelines with individualized care. Critical Care, 2021, 25, 397.	2.5	38
58	Learning for the next pandemic: the Wuhan experience of managing critically ill people. BMJ, The, 2021, 375, e066090.	3.0	4
59	Dangers of hyperoxia. Critical Care, 2021, 25, 440.	2.5	110
60	Chemistry, pharmacology, and cellular uptake mechanisms of thiometallate sulfide donors. British Journal of Pharmacology, 2020, 177, 745-756.	2.7	7
61	The oxygen cost of rehabilitation interventions in mechanically ventilated patients: an observational study. Physiotherapy, 2020, 107, 169-175.	0.2	7
62	Do critical care patients hibernate? Theoretical support for less is more. Intensive Care Medicine, 2020, 46, 495-497.	3.9	15
63	Reply to Tasker and to Lellouche and Lâ€™Her. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 499-499.	2.5	1
64	Real-time measurement of tumour hypoxia using an implantable microfabricated oxygen sensor. Sensing and Bio-Sensing Research, 2020, 30, 100375.	2.2	31
65	Sepsis hysteria? Not for children â€“ Authors' reply. Lancet, The, 2020, 396, 1333-1334.	6.3	0
66	Clinical outcomes and risk factors for severe COVIDâ€19 in patients with haematological disorders receiving chemoâ€or immunotherapy. British Journal of Haematology, 2020, 191, 194-206.	1.2	58
67	Oxygenation of the critically ill in selected intensive care units in the UK: are we usual?. British Journal of Anaesthesia, 2020, 125, e277-e279.	1.5	3
68	Back to Basicsâ€¦and Translating to Successâ€”A Call to Arms*. Critical Care Medicine, 2020, 48, 1245-1246.	0.4	0
69	Microcirculation vs. Mitochondriaâ€”What to Target?. Frontiers in Medicine, 2020, 7, 416.	1.2	7
70	Response to â€˜Impact of immunosuppression on mortality in critically ill COVIDâ€19 patientsâ€™. British Journal of Haematology, 2020, 191, 505-506.	1.2	0
71	Sepsis â€“ the broken code how accurately is sepsis being diagnosed?. Journal of Infection, 2020, 81, e31-e32.	1.7	8
72	Steroids in ARDS: more light is being shed. Intensive Care Medicine, 2020, 46, 2108-2110.	3.9	8

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73	Immunomodulators in COVID-19: Two Sides to Every Coin. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1460-1462.	2.5	17
74	COVID-19-associated hyperinflammation and escalation of patient care: a retrospective longitudinal cohort study. Lancet Rheumatology, The, 2020, 2, e594-e602.	2.2	200
75	Lipid metabolic signatures deviate in sepsis survivors compared to non-survivors. Computational and Structural Biotechnology Journal, 2020, 18, 3678-3691.	1.9	15
76	Mitochondrial dysfunction in sepsis is associated with diminished intramitochondrial TFAM despite its increased cellular expression. Scientific Reports, 2020, 10, 21029.	1.6	21
77	The UCL Ventura CPAP device for COVID-19. Lancet Respiratory Medicine,the, 2020, 8, 1076-1078.	5.2	12
78	Tracheostomy in the COVID-19 era: global and multidisciplinary guidance. Lancet Respiratory Medicine,the, 2020, 8, 717-725.	5.2	312
79	SARS-CoV-2 pandemic: clinical picture of COVID-19 and implications for research. Thorax, 2020, 75, 614-616.	2.7	23
80	Do Temporal Changes in Facial Expressions Help Identify Patients at Risk of Deterioration in Hospital Wards? A Post Hoc Analysis of the Visual Early Warning Score Study. , 2020, 2, e0115.		0
81	From â€œbad infectionâ€•to organ failure. Medizinische Klinik - Intensivmedizin Und Notfallmedizin, 2020, 115, 1-3.	0.4	2
82	Sepsis therapies: learning from 30 years of failure of translational research to propose new leads. EMBO Molecular Medicine, 2020, 12, e10128.	3.3	166
83	Prevalence and Outcomes of Infection Among Patients in Intensive Care Units in 2017. JAMA - Journal of the American Medical Association, 2020, 323, 1478.	3.8	419
84	Relationship between norepinephrine dose, tachycardia and outcome in septic shock: A multicentre evaluation. Journal of Critical Care, 2020, 57, 185-190.	1.0	30
85	Association between sepsis at ICU admission and mortality in patients with ICU-acquired pneumonia: An infectious second-hit model. Journal of Critical Care, 2020, 59, 207-214.	1.0	2
86	Haemophagocytic lymphohistiocytosis in adult critical care. Journal of the Intensive Care Society, 2020, 21, 256-268.	1.1	18
87	Use of non-invasive ventilation for patients with COVID-19: a cause for concern?. Lancet Respiratory Medicine,the, 2020, 8, e45.	5.2	73
88	Nimodipine Reduces Dysfunction and Demyelination in Models of Multiple Sclerosis. Annals of Neurology, 2020, 88, 123-136.	2.8	19
89	Effect of Antibiotic Discontinuation Strategies on Mortality and Infectious Complications in Critically Ill Septic Patients: A Meta-Analysis and Trial Sequential Analysis*. Critical Care Medicine, 2020, 48, 757-764.	0.4	19
90	Neuroprotective effects of ammonium tetrathiomolybdate, a slow-release sulfide donor, in a rodent model of regional stroke. Intensive Care Medicine Experimental, 2020, 8, 13.	0.9	8

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91	Biomarkers for sepsis â€“ past, present and future. Qatar Medical Journal, 2020, 2019, .	0.2	3
92	Beta-blockers in sepsis. Qatar Medical Journal, 2020, 2019, .	0.2	0
93	Plasma Exchange for COVID-19 Thrombo-Inflammatory Disease. Blood, 2020, 136, 27-27.	0.6	1
94	Levosimendan in septic shock in patients with biochemical evidence of cardiac dysfunction: a subgroup analysis of the LeoPARDS randomised trial. Intensive Care Medicine, 2019, 45, 1392-1400.	3.9	33
95	A key metabolic integrator, coenzyme A, modulates the activity of peroxiredoxin 5 via covalent modification. Molecular and Cellular Biochemistry, 2019, 461, 91-102.	1.4	22
96	Risk and Prognostic Factors in Very Old Patients with Sepsis Secondary to Community-Acquired Pneumonia. Journal of Clinical Medicine, 2019, 8, 961.	1.0	22
97	Sepsis hysteria: excess hype and unrealistic expectations. Lancet, The, 2019, 394, 1513-1514.	6.3	60
98	The Association between Supraphysiologic Arterial Oxygen Levels and Mortality in Critically Ill Patients. A Multicenter Observational Cohort Study. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1373-1380.	2.5	61
99	Mitochondrial dysfunction is associated with long-term cognitive impairment in an animal sepsis model. Clinical Science, 2019, 133, 1993-2004.	1.8	32
100	Thinking forward: promising but unproven ideas for future intensive care. Critical Care, 2019, 23, 197.	2.5	2
101	In vivo validation of a miniaturized electrochemical oxygen sensor for measuring intestinal oxygen tension. American Journal of Physiology - Renal Physiology, 2019, 317, G242-G252.	1.6	16
102	Sepsis: personalization v protocolization?. Critical Care, 2019, 23, 127.	2.5	18
103	Deconstructing Hyperlactatemia in Sepsis Using Central Venous Oxygen Saturation and Base Deficit. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 526-527.	2.5	5
104	Association of Age With Short-term and Long-term Mortality Among Patients Discharged From Intensive Care Units in France. JAMA Network Open, 2019, 2, e193215.	2.8	54
105	Strategy focused on clinical parameters of microcirculation to resuscitate patients in septic shock: Do not forget any tools. Anaesthesia, Critical Care & Pain Medicine, 2019, 38, 209-210.	0.6	1
106	Optimising organ perfusion in the high-risk surgical and critical care patient: a narrative review. British Journal of Anaesthesia, 2019, 123, 170-176.	1.5	32
107	Intelligently learning from data. Critical Care, 2019, 23, 136.	2.5	6
108	Current use of vasopressors in septic shock. Annals of Intensive Care, 2019, 9, 20.	2.2	109

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109	Protein recycling and limb muscle recovery after critical illness in slow- and fast-twitch limb muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R584-R593.	0.9	14
110	Part III: Minimum Quality Threshold in Preclinical Sepsis Studies (MQTiPSS) for Fluid Resuscitation and Antimicrobial Therapy Endpoints. Shock, 2019, 51, 33-43.	1.0	35
111	The role of mitochondria in sepsis-induced cardiomyopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 759-773.	1.8	108
112	Multiple Organ Dysfunction. , 2019, , 205-208.e2.		2
113	Selenium and hydrogen selenide: essential micronutrient and the fourth gasotransmitter?. Intensive Care Medicine Experimental, 2019, 7, 71.	0.9	20
114	P2X₇ receptor antagonism ameliorates renal dysfunction in a rat model of sepsis. Physiological Reports, 2018, 6, e13622.	0.7	19
115	Critical Care Health Informatics Collaborative (CCHIC): Data, tools and methods for reproducible research: A multi-centre UK intensive care database. International Journal of Medical Informatics, 2018, 112, 82-89.	1.6	41
116	Clinical Predictors of Survival and Functional Outcome of Stroke Patients Admitted to Critical Care*. Critical Care Medicine, 2018, 46, 1085-1092.	0.4	16
117	Efficacy and safety of trimodulin, a novel polyclonal antibody preparation, in patients with severe community-acquired pneumonia: a randomized, placebo-controlled, double-blind, multicenter, phase II trial (CIGMA study). Intensive Care Medicine, 2018, 44, 438-448.	3.9	96
118	Sex-Mediated Response to the Beta-Blocker Landiolol in Sepsis: An Experimental, Randomized Study. Critical Care Medicine, 2018, 46, e684-e691.	0.4	17
119	What Is Sepsis?. , 2018, , 3-14.		2
120	Sepsis â€“ thoughtful management for the non-expert. Clinical Medicine, 2018, 18, 62-68.	0.8	11
121	Renal Tubular Cell Mitochondrial Dysfunction Occurs Despite Preserved Renal Oxygen Delivery in Experimental Septic Acute Kidney Injury. Critical Care Medicine, 2018, 46, e318-e325.	0.4	36
122	The anion study: effect of different crystalloid solutions on acid base balance, physiology, and survival in a rodent model of acute isovolaemic haemodilution. British Journal of Anaesthesia, 2018, 120, 1412-1419.	1.5	2
123	What Faces Reveal. Critical Care Medicine, 2018, 46, 1057-1062.	0.4	9
124	Personalizing Sepsis Care. Critical Care Clinics, 2018, 34, 153-160.	1.0	8
125	Caring for Sepsis Patients: An Update. Critical Care Clinics, 2018, 34, xiii-xv.	1.0	0
126	Hyperoxia toxicity in septic shock patients according to the Sepsis-3 criteria: a post hoc analysis of the HYPER2S trial. Annals of Intensive Care, 2018, 8, 90.	2.2	34

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127	Allostasis and sedation practices in intensive care evaluation: an observational pilot study. Intensive Care Medicine Experimental, 2018, 6, 13.	0.9	1
128	Heart rate elevations during early sepsis predict death in fluid-resuscitated rats with fecal peritonitis. Intensive Care Medicine Experimental, 2018, 6, 28.	0.9	11
129	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): An International Expert Consensus Initiative for Improvement of Animal Modeling in Sepsis. Shock, 2018, 50, 377-380.	1.0	141
130	Optimal intensive care outcome prediction over time using machine learning. PLoS ONE, 2018, 13, e0206862.	1.1	69
131	Landiolol in patients with septic shock resident in an intensive care unit (LANDI-SEP): study protocol for a randomized controlled trial. Trials, 2018, 19, 637.	0.7	12
132	Antibiotics for Sepsisâ€"Finding the Equilibrium. JAMA - Journal of the American Medical Association, 2018, 320, 1433.	3.8	136
133	Protection of cerebral microcirculation, mitochondrial function, and electrocortical activity by small-volume resuscitation with terlipressin in a rat model of haemorrhagic shock. British Journal of Anaesthesia, 2018, 120, 1245-1254.	1.5	6
134	Diabetes Worsens Skeletal Muscle Mitochondrial Function, Oxidative Stress, and Apoptosis After Lower-Limb Ischemia-Reperfusion: Implication of the RISK and SAFE Pathways?. Frontiers in Physiology, 2018, 9, 579.	1.3	25
135	qSOFA, Cue Confusion. Annals of Internal Medicine, 2018, 168, 293.	2.0	20
136	Metabolic phenotype of skeletal muscle in early critical illness. Thorax, 2018, 73, 926-935.	2.7	135
137	Determinants of long-term outcome in ICU survivors: results from the FROG-ICU study. Critical Care, 2018, 22, 8.	2.5	123
138	Lymphocyte subset expression and serum concentrations of PD-1/PD-L1 in sepsis - pilot study. Critical Care, 2018, 22, 95.	2.5	56
139	Impact on mortality of prompt admission to critical care for deteriorating ward patients: an instrumental variable analysis using critical care bed strain. Intensive Care Medicine, 2018, 44, 606-615.	3.9	47
140	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. Infection, 2018, 46, 687-691.	2.3	28
141	Molecular signatures of liver dysfunction are distinct in fungal and bacterial infections in mice. Theranostics, 2018, 8, 3766-3780.	4.6	12
142	Minimum quality threshold in pre-clinical sepsis studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. Intensive Care Medicine Experimental, 2018, 6, 26.	0.9	61
143	Levosimendan to prevent acute organ dysfunction in sepsis: the LeoPARDS RCT. Efficacy and Mechanism Evaluation, 2018, 5, 1-94.	0.9	3
144	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Intensive Care Medicine, 2017, 43, 304-377.	3.9	4,590

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145	Levosimendan in Sepsis. New England Journal of Medicine, 2017, 376, 798-800.	13.9	10
146	The new definitions of SEPSIS and SEPTIC SHOCK: What do they give us? An answer. Medicina Intensiva, 2017, 41, 41-43.	0.4	10
147	Simvastatin pre-treatment improves survival and mitochondrial function in a 3-day fluid-resuscitated rat model of sepsis. Clinical Science, 2017, 131, 747-758.	1.8	12
148	Comparison of stroke volume measurement between non-invasive bioreactance and esophageal Doppler in patients undergoing major abdominalâ€“pelvic surgery. Journal of Anesthesia, 2017, 31, 545-551.	0.7	7
149	The intensive care medicine research agenda on septic shock. Intensive Care Medicine, 2017, 43, 1294-1305.	3.9	61
150	Antibiotics for Sepsis: Does Each Hour Really Count, or Is It Incestuous Amplification?. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 800-802.	2.5	88
151	Sequential Analysis of a Panel of Biomarkers and Pathologic Findings in a Resuscitated Rat Model of Sepsis and Recovery. Critical Care Medicine, 2017, 45, e821-e830.	0.4	20
152	Experience using high-dose glucose-insulin-potassium (GIK) in critically ill patients. Journal of Critical Care, 2017, 41, 72-77.	1.0	11
153	Activation-Associated Accelerated Apoptosis of Memory B Cells in Critically Ill Patients With Sepsis. Critical Care Medicine, 2017, 45, 875-882.	0.4	83
154	Improved Survival in a Long-Term Rat Model of Sepsis Is Associated With Reduced Mitochondrial Calcium Uptake Despite Increased Energetic Demand. Critical Care Medicine, 2017, 45, e840-e848.	0.4	19
155	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. Critical Care Medicine, 2017, 45, 486-552.	0.4	2,336
156	Effects of short-term hyperoxia on erythropoietin levels and microcirculation in critically Ill patients: a prospective observational pilot study. BMC Anesthesiology, 2017, 17, 49.	0.7	27
157	Early, Goal-Directed Therapy for Septic Shock â€” A Patient-Level Meta-Analysis. New England Journal of Medicine, 2017, 376, 2223-2234.	13.9	416
158	Complement System. , 2017, , 785-812.		0
159	Novel Targets for Drug Development. , 2017, , 1583-1608.		0
160	Can Concurrent Abnormalities in Free Light Chains and Immunoglobulin Concentrations Identify a Target Population for Immunoglobulin Trials in Sepsis?*. Critical Care Medicine, 2017, 45, 1829-1836.	0.4	19
161	Spreading the knowledge on the epidemiology of sepsis. Lancet Infectious Diseases, The, 2017, 17, 1104-1106.	4.6	9
162	Fixed minimum fluid volume for resuscitation: Con. Intensive Care Medicine, 2017, 43, 1681-1682.	3.9	11

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163	Characterization of Brainâ€“Heart Interactions in a Rodent Model of Sepsis. Molecular Neurobiology, 2017, 54, 3745-3752.	1.9	8
164	Proteases. , 2017, , 727-766.		0
165	Inflammation, Hormones, and Metabolism. , 2017, , 915-946.		0
166	Epigenetics of Inflammation. , 2017, , 971-992.		0
167	The Effect of Sepsis on the Erythrocyte. International Journal of Molecular Sciences, 2017, 18, 1932.	1.8	108
168	[Pyr1]Apelin-13(1â€“12) Is a Biologically Active ACE2 Metabolite of the Endogenous Cardiovascular Peptide [Pyr1]Apelin-13. Frontiers in Neuroscience, 2017, 11, 92.	1.4	46
169	Impact of ghrelin on body composition and muscle function in a long-term rodent model of critical illness. PLoS ONE, 2017, 12, e0182659.	1.1	7
170	Ammonium tetrathiomolybdate following ischemia/reperfusion injury: Chemistry, pharmacology, and impact of a new class of sulfide donor in preclinical injury models. PLoS Medicine, 2017, 14, e1002310.	3.9	43
171	Translational evidence for two distinct patterns of neuroaxonal injury in sepsis: a longitudinal, prospective translational study. Critical Care, 2017, 21, 262.	2.5	56
172	Seven unconfirmed ideas to improve future ICU practice. Critical Care, 2017, 21, 315.	2.5	6
173	Critical illness and flat batteries. Critical Care, 2017, 21, 309.	2.5	55
174	Critical care data processing tools. Journal of Open Source Software, 2017, 2, 513.	2.0	2
175	Molecular Mechanisms Linking Autonomic Dysfunction and Impaired Cardiac Contractility in Critical Illness*. Critical Care Medicine, 2016, 44, e614-e624.	0.4	29
176	Sepsis: frontiers in diagnosis, resuscitation and antibiotic therapy. Intensive Care Medicine, 2016, 42, 1958-1969.	3.9	151
177	Effect of Conservative vs Conventional Oxygen Therapy on Mortality Among Patients in an Intensive Care Unit. JAMA - Journal of the American Medical Association, 2016, 316, 1583.	3.8	523
178	Decatecholaminisation during sepsis. Critical Care, 2016, 20, 309.	2.5	25
179	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. New England Journal of Medicine, 2016, 375, 1638-1648.	13.9	271
180	Near-infrared spectroscopy for assessing tissue oxygenation and microvascular reactivity in critically ill patients: a prospective observational study. Critical Care, 2016, 20, 311.	2.5	30

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