

# Kiran Shekar

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129  
papers

2,863  
citations

26  
h-index

51  
g-index

157  
ext. papers

4,253  
ext. citations

6.2  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
129	Characteristics and Outcomes of Patients With Frailty Admitted to ICU With Coronavirus Disease 2019: An Individual Patient Data Meta-Analysis. <b>2022</b> , 4, e0616		3
128	Impact of unacceptable behaviour between healthcare workers on clinical performance and patient outcomes: a systematic review.. <i>BMJ Quality and Safety</i> , <b>2022</b> ,	5.4	1
127	Hyperoxia on Venoarterial Extracorporeal Membrane Oxygenation: A Modifiable Risk?. <i>Critical Care Medicine</i> , <b>2022</b> , 50, e99-e100	1.4	1
126	Population Pharmacokinetics and Dosing Simulations of Ceftriaxone in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation (An ASAP ECMO Study).. <i>Clinical Pharmacokinetics</i> , <b>2022</b> , 1	6.2	0
125	Population pharmacokinetics of ciprofloxacin in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study).. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2022</b> , 101080	3	0
124	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study.. <i>BMJ, The</i> , <b>2022</b> , 377, e068723	5.9	6
123	The Association of Oxygenation, Carbon Dioxide Removal, and Mechanical Ventilation Practices on Survival During Venoarterial Extracorporeal Membrane Oxygenation. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 756280	4.8	0
122	Is intensive care unit mortality a valid survival outcome measure related to critical illness?. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 41, 100996	3	0
121	Population pharmacokinetics of vancomycin in critically ill adult patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , AAC0137721	5.9	0
120	Population pharmacokinetics of cefepime in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 58, 106466	14.3	2
119	Elevated Venous to Arterial Carbon Dioxide Gap and Anion Gap Are Associated with Poor Outcome in Cardiogenic Shock Requiring Extracorporeal Membrane Oxygenation Support. <i>ASAIO Journal</i> , <b>2021</b> , 67, 263-269	3.6	5
118	Extubate Before Venovenous Extracorporeal Membranous Oxygenation Decannulation or Decannulate While Remaining on the Ventilator? The EuroELSO 2019 Weaning Survey. <i>ASAIO Journal</i> , <b>2021</b> , 67, e86-e89	3.6	6
117	Assessing need for extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest using Power BI for data visualisation. <i>EMA - Emergency Medicine Australasia</i> , <b>2021</b> , 33, 685-690	1.5	0
116	A Systematic Review of the Incidence and Outcomes of In-Hospital Cardiac Arrests in Patients With Coronavirus Disease 2019. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 901-911	1.4	4
115	Impact of an aerosol box on time to tracheal intubation: systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, e122-e125	5.4	13
114	Prone Positioning of Nonintubated Patients With Coronavirus Disease 2019-A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e1001-e1014	1.4	11
113	Extracorporeal Membrane Oxygenation and Coronavirus Disease 2019. <i>JAMA Surgery</i> , <b>2021</b> , 156, 400-404	1.4	0

112	Long-term outcome of prolonged critical illness: A multicentered study in North Brisbane, Australia. <i>PLoS ONE</i> , <b>2021</b> , 16, e0249840	3.7	3
111	Letter to the Editor regarding: Ceftriaxone exposure in patients undergoing extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 57, 106326	14.3	1
110	Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 211	10.8	42
109	Optimising Treatment Outcomes for Children and Adults Through Rapid Genome Sequencing of Sepsis Pathogens. A Study Protocol for a Prospective, Multi-Centre Trial (DIRECT). <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 667680	5.9	1
108	Implementation of new ECMO centers during the COVID-19 pandemic: experience and results from the Middle East and India. <i>Intensive Care Medicine</i> , <b>2021</b> , 47, 887-895	14.5	11
107	Cytokine adsorption during ECMO for COVID-19-related ARDS. <i>Lancet Respiratory Medicine</i> , <b>2021</b> , 9, 680-682	35.1	1
106	Personal protective equipment preparedness in Asia-Pacific intensive care units during the coronavirus disease 2019 pandemic: A multinational survey. <i>Australian Critical Care</i> , <b>2021</b> , 34, 135-141	2.9	9
105	Assessment of the Clinical Pulmonary Infection Scores for prediction of ventilator associated pneumonia in patients with out of hospital cardiac arrest. <i>Infection, Disease and Health</i> , <b>2021</b> , 26, 48-54	4.6	
104	Intensive care digital health response to emerging infectious disease outbreaks such as COVID-19. <i>Anaesthesia and Intensive Care</i> , <b>2021</b> , 49, 105-111	1.1	
103	Venoarterial Extracorporeal Membrane Oxygenation for Postcardiotomy Shock-Analysis of the Extracorporeal Life Support Organization Registry. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1107-1117	1.4	5
102	Extracorporeal Membrane Oxygenation for COVID-19: Updated 2021 Guidelines from the Extracorporeal Life Support Organization. <i>ASAIO Journal</i> , <b>2021</b> , 67, 485-495	3.6	83
101	ELSO Interim Guidelines for Venoarterial Extracorporeal Membrane Oxygenation in Adult Cardiac Patients. <i>ASAIO Journal</i> , <b>2021</b> , 67, 827-844	3.6	26
100	Development and validation of a tool to appraise guidelines on SARS-CoV-2 infection control strategies in healthcare workers. <i>Australian Critical Care</i> , <b>2021</b> ,	2.9	1
99	Letter to the editor regarding Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 285	10.8	1
98	Population Pharmacokinetics of Piperacillin and Tazobactam in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation: an ASAP ECMO Study. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65, e0143821	5.9	1
97	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 292	10.8	9
96	Systematic review and meta-analysis of the characteristics and outcomes of readmitted COVID-19 survivors. <i>Internal Medicine Journal</i> , <b>2021</b> , 51, 1773-1780	1.6	2
95	Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. <i>Intensive Care Medicine</i> , <b>2021</b> , 1	14.5	11

94	Feasibility of non-invasive nitric oxide gas inhalation to prevent endotracheal intubation in patients with acute hypoxemic respiratory failure: A single-centre experience. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2021</b> , 116, 35-37	5	
93	Reconciling the obesity paradox: Obese patients suffer the highest critical illness associated mortality rates. <i>Journal of Critical Care</i> , <b>2021</b> , 66, 75-77	4	0
92	Concurrent Use of Renal Replacement Therapy during Extracorporeal Membrane Oxygenation Support: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	7
91	Non-home discharge after cardiac surgery in Australia and New Zealand: a cross-sectional study.. <i>BMJ Open</i> , <b>2021</b> , 11, e049187	3	0
90	Fluid resuscitation after cardiac surgery in the intensive care unit: A bi-national survey of clinician practice. (The FRACS-ICU clinician survey). <i>Annals of Cardiac Anaesthesia</i> , <b>2021</b> , 24, 441-446	1.3	
89	Incidence and outcome of out-of-hospital cardiac arrests in the COVID-19 era: A systematic review and meta-analysis. <i>Resuscitation</i> , <b>2020</b> , 157, 248-258	4	45
88	ECMO use in COVID-19: lessons from past respiratory virus outbreaks-a narrative review. <i>Critical Care</i> , <b>2020</b> , 24, 301	10.8	35
87	Planning and provision of ECMO services for severe ARDS during the COVID-19 pandemic and other outbreaks of emerging infectious diseases. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 518-526	35.1	264
86	Extracorporeal Life Support Organization Coronavirus Disease 2019 Interim Guidelines: A Consensus Document from an International Group of Interdisciplinary Extracorporeal Membrane Oxygenation Providers. <i>ASAIO Journal</i> , <b>2020</b> , 66, 707-721	3.6	163
85	Effectiveness of Vancomycin Dosing Guided by Therapeutic Drug Monitoring in Adult Patients Receiving Extracorporeal Membrane Oxygenation. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	4
84	Venoarterial Extracorporeal Membrane Oxygenation. <i>Anesthesiology</i> , <b>2020</b> , 133, 708-710	4.3	
83	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 514-525	10.2	50
82	Position Paper on Global Extracorporeal Membrane Oxygenation Education and Educational Agenda for the Future: A Statement From the Extracorporeal Life Support Organization ECMOed Taskforce. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 406-414	1.4	22
81	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet, The</i> , <b>2020</b> , 396, 1071-1078	4.0	333
80	The effect of hyperoxia on inflammation and platelet responses in an ex vivo extracorporeal membrane oxygenation circuit. <i>Artificial Organs</i> , <b>2020</b> , 44, 1276-1285	2.6	3
79	Protocol-driven daily optimisation of venovenous extracorporeal membrane oxygenation blood flows: an alternate paradigm?. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 6854-6860	2.6	4
78	Provision of ECPR during COVID-19: evidence, equity, and ethical dilemmas. <i>Critical Care</i> , <b>2020</b> , 24, 462	10.8	7
77	ECMO for severe ARDS associated with COVID-19: now we know we can, but should we?. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 1066-1068	35.1	14

76	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2464-2476	14.5	40
75	Clinical care of pregnant and postpartum women with COVID-19: Living recommendations from the National COVID-19 Clinical Evidence Taskforce. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2020</b> , 60, 840-851	1.7	18
74	Albumin Use After Cardiac Surgery <b>2020</b> , 2, e0164		4
73	Safety and Putative Benefits of Tracheostomy Tube Placement in Patients on Extracorporeal Membrane Oxygenation: A Single-Center Experience. <i>Journal of Intensive Care Medicine</i> , <b>2020</b> , 35, 1153-1161	3.3	9
72	Blood transfusion strategies and ECMO during the COVID-19 pandemic - AuthorsReply. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, e41	35.1	6
71	Combined Mesenchymal Stromal Cell Therapy and Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Randomized Controlled Trial in Sheep. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 383-392	10.2	17
70	Current Understanding of Leukocyte Phenotypic and Functional Modulation During Extracorporeal Membrane Oxygenation: A Narrative Review. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 600684	8.4	3
69	Risk Factors for Mortality in Patients Undergoing Cardiothoracic Surgery for Infective Endocarditis. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1101-1106	2.7	3
68	Pre-clinical study protocol: Blood transfusion in endotoxaemic shock. <i>MethodsX</i> , <b>2019</b> , 6, 1124-1132	1.9	1
67	Steps to Enhance Safety of Tracheostomy on ECMO. <i>Journal of Intensive Care Medicine</i> , <b>2019</b> , 34, 1074-1079	3.5	1074
66	Integrating Mechanical Ventilation and Extracorporeal Membrane Oxygenation in Severe Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 265-266	10.2	2
65	Fluid resuscitation with 0.9% saline alters haemostasis in an ovine model of endotoxemic shock. <i>Thrombosis Research</i> , <b>2019</b> , 176, 39-45	8.2	5
64	Individualizing Sedation in Acute Respiratory Distress Syndrome Patients on Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , <b>2019</b> , 65, e44-e45	3.6	2
63	Should Patients With Acute Respiratory Distress Syndrome on Venovenous Extracorporeal Membrane Oxygenation Have Ventilatory Support Reduced to the Lowest Tolerable Settings? No. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 1147-1149	1.4	3
62	Overcoming barriers to optimal drug dosing during ECMO in critically ill adult patients. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2019</b> , 15, 103-112	5.5	11
61	Effect of cardiopulmonary bypass on cytochrome P450 enzyme activity: implications for pharmacotherapy. <i>Drug Metabolism Reviews</i> , <b>2018</b> , 50, 109-124	7	0
60	An Ovine Model of Hyperdynamic Endotoxemia and Vital Organ Metabolism. <i>Shock</i> , <b>2018</b> , 49, 99-107	3.4	14
59	Unintended Consequences: Fluid Resuscitation Worsens Shock in an Ovine Model of Endotoxemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1043-1054	10.2	72

58	Optimizing the patient and timing of the introduction of mechanical circulatory and extracorporeal respiratory support <b>2018</b> , 441-468		
57	Unplanned Autotransplantation for Complex Multi-Valve Replacement in a Super Morbid Obese Female: The Challenge of Intraoperative Decision Making. <i>Journal of Extra-Corporeal Technology</i> , <b>2018</b> , 50, 248-251	0.4	
56	Antibiotic Dosing During Extracorporeal Membrane Oxygenation <b>2018</b> , 151-171		1
55	An improved liquid chromatography tandem mass spectrometry (LC-MS/MS) method for quantification of dexmedetomidine concentrations in samples of human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1073, 118-122	3.2	6
54	A mathematical model of CO, O and N exchange during venovenous extracorporeal membrane oxygenation. <i>Intensive Care Medicine Experimental</i> , <b>2018</b> , 6, 25	3.7	5
53	Inflammation and lung injury in an ovine model of fluid resuscitated endotoxemic shock. <i>Respiratory Research</i> , <b>2018</b> , 19, 231	7.3	10
52	Optimising drug dosing in patients receiving extracorporeal membrane oxygenation. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, S629-S641	2.6	64
51	An improved LC-MS/MS method for simultaneous evaluation of CYP2C9, CYP2C19, CYP2D6 and CYP3A4 activity. <i>Bioanalysis</i> , <b>2018</b> , 10, 1577-1590	2.1	3
50	The effects of the introduction of an adult ECMO program on statewide referral patterns, casemix and outcomes in patients with acute respiratory distress syndrome or pneumonia. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1065-1066	14.5	2
49	Evidence of altered haemostasis in an ovine model of venovenous extracorporeal membrane oxygenation support. <i>Critical Care</i> , <b>2017</b> , 21, 191	10.8	11
48	Appraising extracorporeal life support - current and future roles in adult intensive care. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2017</b> , 19, 5-7	2.8	0
47	High-throughput assay for quantification of the plasma concentrations of thiopental using automated solid phase extraction (SPE) directly coupled to LC-MS/MS instrumentation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1038, 80-87	3.2	3
46	Quantification of perflutren microsphere contrast destruction during transit through an ex vivo extracorporeal membrane oxygenation circuit. <i>Intensive Care Medicine Experimental</i> , <b>2016</b> , 4, 7	3.7	8
45	Mechanical circulatory support in the new era: an overview. <i>Critical Care</i> , <b>2016</b> , 20, 66	10.8	44
44	Association between post-sternotomy tracheostomy and deep sternal wound infection: a retrospective analysis. <i>Journal of Thoracic Disease</i> , <b>2016</b> , 8, 3294-3300	2.6	4
43	The Complex Relationship of Extracorporeal Membrane Oxygenation and Acute Kidney Injury: Causation or Association?. <i>BioMed Research International</i> , <b>2016</b> , 2016, 1094296	3	49
42	Inflammation and lung injury in an ovine model of extracorporeal membrane oxygenation support. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 311, L1202-L1212	5.8	12
41	Effects of volume resuscitation on the microcirculation in animal models of lipopolysaccharide sepsis: a systematic review. <i>Intensive Care Medicine Experimental</i> , <b>2016</b> , 4, 38	3.7	8

40	Use of extracorporeal membrane oxygenation for mechanical circulatory support in a patient with 5-fluorouracil induced acute heart failure. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 381-3	7.6	11
39	Feasibility of perflutren microsphere contrast transthoracic echocardiography in the visualization of ventricular endocardium during venovenous extracorporeal membrane oxygenation in a validated ovine model. <i>Echocardiography</i> , <b>2015</b> , 32, 548-56	1.5	9
38	Ovine platelet function is unaffected by extracorporeal membrane oxygenation within the first 24 h. <i>Blood Coagulation and Fibrinolysis</i> , <b>2015</b> , 26, 816-22	1	3
37	Protein-bound drugs are prone to sequestration in the extracorporeal membrane oxygenation circuit: results from an ex vivo study. <i>Critical Care</i> , <b>2015</b> , 19, 164	10.8	130
36	Can physicochemical properties of antimicrobials be used to predict their pharmacokinetics during extracorporeal membrane oxygenation? Illustrative data from ovine models. <i>Critical Care</i> , <b>2015</b> , 19, 437	10.8	42
35	The impact of acute lung injury, ECMO and transfusion on oxidative stress and plasma selenium levels in an ovine model. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 30, 4-10	4.1	15
34	A novel echocardiographic imaging technique, intracatheter echocardiography, to guide veno-venous extracorporeal membrane oxygenation cannulae placement in a validated ovine model. <i>Intensive Care Medicine Experimental</i> , <b>2014</b> , 2, 2	3.7	4
33	Extracorporeal life support devices and strategies for management of acute cardiorespiratory failure in adult patients: a comprehensive review. <i>Critical Care</i> , <b>2014</b> , 18, 219	10.8	105
32	Can timely ECMO initiation mitigate pre-ECMO risk factors for acute kidney injury?. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1523	2.7	5
31	ARDS: rest the lungs or the ventilator?. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1184	14.5	2
30	The rapidly evolving use of extracorporeal life support (ECLS) in adults. <i>Heart Lung and Circulation</i> , <b>2014</b> , 23, 1091-2	1.8	3
29	Optimal management of the critically ill: anaesthesia, monitoring, data capture, and point-of-care technological practices in ovine models of critical care. <i>BioMed Research International</i> , <b>2014</b> , 2014, 468309	3	16
28	PC6 acupoint stimulation for the prevention of postcardiac surgery nausea and vomiting: a protocol for a two-group, parallel, superiority randomised clinical trial. <i>BMJ Open</i> , <b>2014</b> , 4, e006179	3	16
27	The combined effects of extracorporeal membrane oxygenation and renal replacement therapy on meropenem pharmacokinetics: a matched cohort study. <i>Critical Care</i> , <b>2014</b> , 18, 565	10.8	66
26	Vancomycin population pharmacokinetics during extracorporeal membrane oxygenation therapy: a matched cohort study. <i>Critical Care</i> , <b>2014</b> , 18, 632	10.8	60
25	Macro- and micronutrient disposition in an ex vivo model of extracorporeal membrane oxygenation. <i>Intensive Care Medicine Experimental</i> , <b>2014</b> , 2, 29	3.7	10
24	A preliminary investigation into adrenal responsiveness and outcomes in patients with cardiogenic shock after acute myocardial infarction. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 470.e1-6	4	7
23	An age-of-blood transfusion trial in the trauma setting is crucial and animal models may help inform trial design. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2014</b> , 16, 149-50	2.8	

22	Hyperoxic damage and the need for optimised oxygenation practices. <i>Critical Care</i> , <b>2013</b> , 17, 441	10.8	4
21	Can optimal drug dosing during ECMO improve outcomes?. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 2237	14.5	6
20	To ventilate, oscillate, or cannulate?. <i>Journal of Critical Care</i> , <b>2013</b> , 28, 655-62	4	19
19	The ECMO PK Project: an incremental research approach to advance understanding of the pharmacokinetic alterations and improve patient outcomes during extracorporeal membrane oxygenation. <i>BMC Anesthesiology</i> , <b>2013</b> , 13, 7	2.4	26
18	Depletion of myocardial glucose is observed during endotoxemic but not hemorrhagic shock in a porcine model. <i>Critical Care</i> , <b>2013</b> , 17, R164	10.8	8
17	Altered antibiotic pharmacokinetics during extracorporeal membrane oxygenation: cause for concern?. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 726-7	5.1	35
16	Single-centre experience of donation after cardiac death. Comment. <i>Medical Journal of Australia</i> , <b>2013</b> , 198, 87-8	4	
15	Massive bilateral pulmonary emboli, paradoxical embolus and the knot of life. <i>European Heart Journal</i> , <b>2012</b> , 33, 3077	9.5	0
14	Sequestration of drugs in the circuit may lead to therapeutic failure during extracorporeal membrane oxygenation. <i>Critical Care</i> , <b>2012</b> , 16, R194	10.8	171
13	ASAP ECMO: Antibiotic, Sedative and Analgesic Pharmacokinetics during Extracorporeal Membrane Oxygenation: a multi-centre study to optimise drug therapy during ECMO. <i>BMC Anesthesiology</i> , <b>2012</b> , 12, 29	2.4	71
12	High-throughput assay for simultaneous quantification of the plasma concentrations of morphine, fentanyl, midazolam and their major metabolites using automated SPE coupled to LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 903, 126-33	3.2	47
11	Pharmacokinetic changes in patients receiving extracorporeal membrane oxygenation. <i>Journal of Critical Care</i> , <b>2012</b> , 27, 741.e9-18	4	193
10	Post-operative deep sternal wound infections: making an early microbiological diagnosis. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 1304-8	3	14
9	Development of simulated and ovine models of extracorporeal life support to improve understanding of circuit-host interactions. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2012</b> , 14, 105-11	2.8	19
8	Outcomes of the first 30 cases of an adult extracorporeal membrane oxygenation program: strategies to manage the "learning curve" and implications for intensive care unit risk adjustment models. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2012</b> , 14, 119-29	2.8	3
7	Bronchopleural fistula: an update for intensivists. <i>Journal of Critical Care</i> , <b>2010</b> , 25, 47-55	4	52
6	Unexplained chronic anemia and leukopenia in lung transplant recipients secondary to parvovirus B19 infection. <i>Journal of Heart and Lung Transplantation</i> , <b>2008</b> , 27, 808-11	5.8	5
5	Independent lung ventilation in the intensive care unit: desperate measure or viable treatment option?. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , <b>2008</b> , 10, 144-8	2.8	3



4	Prone Positioning of Non-intubated Patients with COVID-19 - A Systematic Review and Meta-analysis	2
3	Prone positioning of non-intubated patients with COVID-19 - A Systematic Review and Meta-analysis	2
2	Venovenous extracorporeal CO2 removal to support ultraprotective ventilation in moderate-severe acute respiratory distress syndrome: A systematic review and meta-analysis of the literature. <i>Perfusion (United Kingdom)</i> ,026765912210962	1.9 1
1	SARS-CoV -2 transmission risk to healthcare workers performing tracheostomies: a systematic review. <i>ANZ Journal of Surgery</i> ,	1