

John F Fraser

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.

283
papers

5,970
citations

39
h-index

69
g-index

310
ext. papers

8,016
ext. citations

4.9
avg, IF

5.87
L-index

#	Paper	IF	Citations
283	A mock circulation loop to evaluate differential hypoxemia during peripheral venoarterial extracorporeal membrane oxygenation.. <i>Perfusion (United Kingdom)</i> , 2022 , 2676591211056567	1.9	1
282	Mid and long-term neurological and neuropsychiatric manifestations of post-COVID-19 syndrome: A meta-analysis.. <i>Journal of the Neurological Sciences</i> , 2022 , 434, 120162	3.2	30
281	Prone position during venovenous extracorporeal membrane oxygenation: survival analysis needed for a time-dependent intervention.. <i>Critical Care</i> , 2022 , 26, 39	10.8	0
280	Add-on Therapies in VA-ECMO for Cardiogenic Shock: The Heart Recovers, Yet Other Organs Suffer.. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022 ,	2.1	
279	Exploration of the Utility of Speckle-Tracking Echocardiography During Mechanical Ventilation and Mechanical Circulatory Support. 2022 , 4, e0666		0
278	Population Pharmacokinetics and Dosing Simulations of Ceftriaxone in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation (An ASAP ECMO Study).. <i>Clinical Pharmacokinetics</i> , 2022 , 1	6.2	0
277	Impact of renin-angiotensin-aldosterone system inhibition on mortality in critically ill COVID-19 patients with pre-existing hypertension: a prospective cohort study.. <i>BMC Cardiovascular Disorders</i> , 2022 , 22, 123	2.3	0
276	Evaluation of an emergency safe supply drugs and managed alcohol program in COVID-19 isolation hotel shelters for people experiencing homelessness.. <i>Drug and Alcohol Dependence</i> , 2022 , 235, 109440	4.9	0
275	Recovery of organ-specific tissue oxygen delivery at restrictive transfusion thresholds after fluid treatment in ovine haemorrhagic shock.. <i>Intensive Care Medicine Experimental</i> , 2022 , 10, 12	3.7	1
274	141: NEUROLOGIC AND NEUROPSYCHIATRIC MANIFESTATIONS OF POST-COVID-19 SYNDROME: A META-ANALYSIS. <i>Critical Care Medicine</i> , 2022 , 50, 54-54	1.4	
273	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis.. <i>Frontiers in Neurology</i> , 2022 , 13, 814405	4.1	0
272	Population pharmacokinetics of ciprofloxacin in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study).. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022 , 101080	3	0
271	Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study.. <i>BMJ, The</i> , 2022 , 377, e068723	5.9	6
270	ECMO simulation training during a worldwide pandemic: The role of ECMO telesimulation.. <i>Perfusion (United Kingdom)</i> , 2022 , 2676591221093868	1.9	
269	Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis.. <i>Critical Care</i> , 2022 , 26, 141	10.8	1
268	Pediatric intensive care preparedness and ECMO availability in children with COVID-19: An international survey. <i>Perfusion (United Kingdom)</i> , 2021 , 36, 637-639	1.9	1
267	Assessment of 28-Day In-Hospital Mortality in Mechanically Ventilated Patients With Coronavirus Disease 2019: An International Cohort Study 2021 , 3, e0567		1

266	Mobile Extracorporeal Membrane Oxygenation for Covid-19 Does Not Pose Extra Risk to Transport Team. <i>ASAIO Journal</i> , 2021 , 68,	3.6	3
265	Discrete responses of erythrocytes, platelets, and von Willebrand factor to shear.. <i>Journal of Biomechanics</i> , 2021 , 130, 110898	2.9	1
264	Population pharmacokinetics of vancomycin in critically ill adult patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0137721	5.9	0
263	An innovative ovine model of severe cardiopulmonary failure supported by veno-arterial extracorporeal membrane oxygenation. <i>Scientific Reports</i> , 2021 , 11, 20458	4.9	2
262	Characterizing preclinical sub-phenotypic models of acute respiratory distress syndrome: An experimental ovine study. <i>Physiological Reports</i> , 2021 , 9, e15048	2.6	2
261	Population pharmacokinetics of cefepime in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106466	14.3	2
260	HeartWare HVAD Flow Estimator Accuracy for Left and Right Ventricular Support. <i>ASAIO Journal</i> , 2021 , 67, 416-422	3.6	
259	In vitro Hemocompatibility Evaluation of the HeartWare Ventricular Assist Device Under Systemic, Pediatric and Pulmonary Support Conditions. <i>ASAIO Journal</i> , 2021 , 67, 270-275	3.6	3
258	Acute Immune Response in Venoarterial and Venovenous Extracorporeal Membrane Oxygenation Models of Rats. <i>ASAIO Journal</i> , 2021 , 67, 546-553	3.6	4
257	Screening for delirium in the intensive care unit using eDIS-ICU - A purpose-designed app: A pilot study. <i>Australian Critical Care</i> , 2021 , 34, 547-551	2.9	0
256	Effect of infusion set replacement intervals on catheter-related bloodstream infections (RSVP): a randomised, controlled, equivalence (central venous access device)-non-inferiority (peripheral arterial catheter) trial. <i>Lancet, The</i> , 2021 , 397, 1447-1458	4.0	8
255	Studying the Endothelial Glycocalyx : What Is Missing?. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 647086	3.6	5
254	Extracorporeal Membrane Oxygenation-Induced Hemolysis: An In Vitro Study to Appraise Causative Factors. <i>Membranes</i> , 2021 , 11,	3.8	3
253	Tissue adhesives for bacterial inhibition in extracorporeal membrane oxygenation cannulae. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 25	3.7	1
252	The use of extracorporeal membrane oxygenation in children with acute fulminant myocarditis. <i>Clinical and Experimental Pediatrics</i> , 2021 , 64, 188-195	4.7	2
251	An Ovine Model of Hemorrhagic Shock and Resuscitation, to Assess Recovery of Tissue Oxygen Delivery and Oxygen Debt, and Inform Patient Blood Management. <i>Shock</i> , 2021 , 56, 1080-1091	3.4	2
250	An appraisal of respiratory system compliance in mechanically ventilated covid-19 patients. <i>Critical Care</i> , 2021 , 25, 199	10.8	6
249	Ethical factors determining ECMO allocation during the COVID-19 pandemic. <i>BMC Medical Ethics</i> , 2021 , 22, 70	2.9	4

248	Global infectious disease research collaborations in crises: building capacity and inclusivity through cooperation. <i>Globalization and Health</i> , 2021 , 17, 84	10	1
247	Ischemic and Hemorrhagic Stroke Among Critically Ill Patients With Coronavirus Disease 2019: An International Multicenter Coronavirus Disease 2019 Critical Care Consortium Study. <i>Critical Care Medicine</i> , 2021 , 49, e1223-e1233	1.4	7
246	Doing time in an Australian ICU; the experience and environment from the perspective of patients and family members. <i>Australian Critical Care</i> , 2021 , 34, 254-262	2.9	2
245	The intensive care unit environment from the perspective of medical, allied health and nursing clinicians: A qualitative study to inform design of the IdealPbedspace. <i>Australian Critical Care</i> , 2021 , 34, 15-22	2.9	2
244	Comparative lung distribution of radiolabeled tobramycin between nebulized and intravenous administration in a mechanically-ventilated ovine model, an observational study. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106232	14.3	
243	Ovine red cell concentrates for transfusion research - is the storage lesion comparable to human red cell concentrates?. <i>Vox Sanguinis</i> , 2021 , 116, 524-532	3.1	0
242	Assessing potential for aortoiliac vascular injury from venoarterial extracorporeal membrane oxygenation cannulae: An in vitro particle image velocimetry study. <i>Artificial Organs</i> , 2021 , 45, E14-E25	2.6	1
241	Reconceptualizing post-intensive care syndrome: Do we need to unpick our PICS?. <i>Nursing in Critical Care</i> , 2021 , 26, 67-69	2.7	2
240	Cardiovascular disease in SARS-CoV-2 infection. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1343	6.8	8
239	The discovery of biological subphenotypes in ARDS: a novel approach to targeted medicine?. <i>Journal of Intensive Care</i> , 2021 , 9, 14	7	1
238	In vitro testing of cyanoacrylate tissue adhesives and sutures for extracorporeal membrane oxygenation cannula securement. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 5	3.7	2
237	Intensive care digital health response to emerging infectious disease outbreaks such as COVID-19. <i>Anaesthesia and Intensive Care</i> , 2021 , 49, 105-111	1.1	
236	Peritransplant Cardiometabolic and Mitochondrial Function: The Missing Piece in Donor Heart Dysfunction and Graft Failure. <i>Transplantation</i> , 2021 , 105, 496-508	1.8	1
235	A protocol for tracking outcomes post intensive care. <i>Nursing in Critical Care</i> , 2021 ,	2.7	1
234	Compromised right ventricular contractility in an ovine model of heart transplantation following 24h donor brain stem death. <i>Pharmacological Research</i> , 2021 , 169, 105631	10.2	0
233	Coagulation Dysfunction in Acute Respiratory Distress Syndrome and Its Potential Impact in Inflammatory Subphenotypes. <i>Frontiers in Medicine</i> , 2021 , 8, 723217	4.9	2
232	Population Pharmacokinetics of Piperacillin and Tazobactam in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation: an ASAP ECMO Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0143821	5.9	1
231	Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. <i>Frontiers in Neurology</i> , 2021 , 12, 664599	4.1	7

230	Anti-thrombogenic Surface Coatings for Extracorporeal Membrane Oxygenation: A Narrative Review. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 4402-4419	5.5	6
229	Prophylactic Postoperative High Flow Nasal Oxygen Versus Conventional Oxygen Therapy in Obese Patients Undergoing Bariatric Surgery (OXYBAR Study): a Pilot Randomised Controlled Trial. <i>Obesity Surgery</i> , 2021 , 31, 4799-4807	3.7	3
228	Design and Rationale of a Prospective International Follow-Up Study on Intensive Care Survivors of COVID-19: The Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19-AFTERCOR. <i>Frontiers in Medicine</i> , 2021 , 8, 738086	4.9	1
227	Beneficial Effect of Prone Positioning During Venovenous Extracorporeal Membrane Oxygenation for Coronavirus Disease 2019. <i>Critical Care Medicine</i> , 2021 ,	1.4	5
226	Therapeutic Inhibition of Acid-Sensing Ion Channel 1a Recovers Heart Function After Ischemia-Reperfusion Injury. <i>Circulation</i> , 2021 , 144, 947-960	16.7	8
225	High-Flow Nasal Cannula: Technical Aspects in Adults and Children 2021 , 37-53		
224	Erythrocyte morphological symmetry analysis to detect sublethal trauma in shear flow. <i>Scientific Reports</i> , 2021 , 11, 23566	4.9	0
223	A clinically relevant sheep model of orthotopic heart transplantation 24h after donor brainstem death.. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 60	3.7	0
222	Ex vivo models for research in extracorporeal membrane oxygenation: a systematic review of the literature. <i>Perfusion (United Kingdom)</i> , 2020 , 35, 38-49	1.9	4
221	An Reconstructed Human Skin Equivalent Model to Study the Role of Skin Integration Around Percutaneous Devices Against Bacterial Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 670	5.7	1
220	Viability of Mesenchymal Stem Cells in an Ex Vivo Circulation System. <i>ASAIO Journal</i> , 2020 , 66, 433-440	3.6	4
219	ECMO use in COVID-19: lessons from past respiratory virus outbreaks-a narrative review. <i>Critical Care</i> , 2020 , 24, 301	10.8	35
218	Coronary artery bypass grafting is associated with immunoparalysis of monocytes and dendritic cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 4791-4803	5.6	8
217	Haemodynamic Effect of Left Atrial and Left Ventricular Cannulation with a Rapid Speed Modulated Rotary Blood Pump During Rest and Exercise: Investigation in a Numerical Cardiorespiratory Model. <i>Cardiovascular Engineering and Technology</i> , 2020 , 11, 350-361	2.2	
216	Enteral hydration in high-flow therapy for infants with bronchiolitis: Secondary analysis of a randomised trial. <i>Journal of Paediatrics and Child Health</i> , 2020 , 56, 950-955	1.3	6
215	An advanced mock circulation loop for in vitro cardiovascular device evaluation. <i>Artificial Organs</i> , 2020 , 44, E238-E250	2.6	9
214	Initial ELSO Guidance Document: ECMO for COVID-19 Patients with Severe Cardiopulmonary Failure. <i>ASAIO Journal</i> , 2020 , 66, 472-474	3.6	178
213	First-line oxygen therapy with high-flow in bronchiolitis is not cost saving for the health service. <i>Archives of Disease in Childhood</i> , 2020 , 105, 975-980	2.2	9

212	The Australasian Resuscitation In Sepsis Evaluation: Fluids or vasopressors in emergency department sepsis (ARISE FLUIDS), a multi-centre observational study describing current practice in Australia and New Zealand. <i>EMA - Emergency Medicine Australasia</i> , 2020 , 32, 586-598	1.5	10
211	Design and rationale of the COVID-19 Critical Care Consortium international, multicentre, observational study. <i>BMJ Open</i> , 2020 , 10, e041417	3	8
210	Heart failure supported by veno-arterial extracorporeal membrane oxygenation (ECMO): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 16	3.7	3
209	Microvascular dysfunction in septic and dengue shock: Pathophysiology and implications for clinical management. <i>Global Cardiology Science & Practice</i> , 2020 , 2020, e202029	0.7	0
208	A Starling-like total work controller for rotary blood pumps: An in vitro evaluation. <i>Artificial Organs</i> , 2020 , 44, E40-E53	2.6	1
207	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 514-525	10.2	50
206	In Vitro Hemocompatibility Evaluation of Modified Rotary Left to Right Ventricular Assist Devices in Pulmonary Flow Conditions. <i>ASAIO Journal</i> , 2020 , 66, 637-644	3.6	2
205	Hypothermic Ex Vivo Perfusion: Protecting the Donor Heart and the Recipient. <i>ASAIO Journal</i> , 2020 , 66, e99	3.6	
204	Development and validation of ELISAs for the quantitation of interleukin (IL)-1, IL-6, IL-8 and IL-10 in ovine plasma. <i>Journal of Immunological Methods</i> , 2020 , 486, 112835	2.5	6
203	Extracorporeal membrane oxygenation support in COVID-19: an international cohort study of the Extracorporeal Life Support Organization registry. <i>Lancet, The</i> , 2020 , 396, 1071-1078	40	333
202	Endothelin receptor antagonist improves donor lung function in an ex vivo perfusion system. <i>Journal of Biomedical Science</i> , 2020 , 27, 96	13.3	2
201	The effect of hyperoxia on inflammation and platelet responses in an ex vivo extracorporeal membrane oxygenation circuit. <i>Artificial Organs</i> , 2020 , 44, 1276-1285	2.6	3
200	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , 2020 , 46, 2226-2237	14.5	55
199	ECMO during the COVID-19 pandemic: When is it justified?. <i>Critical Care</i> , 2020 , 24, 650	10.8	9
198	Heart Transplantation From Brain Dead Donors: A Systematic Review of Animal Models. <i>Transplantation</i> , 2020 , 104, 2272-2289	1.8	4
197	Airborne spread of SARS-CoV-2 while using high-flow nasal cannula oxygen therapy: myth or reality?. <i>Intensive Care Medicine</i> , 2020 , 46, 2248-2251	14.5	12
196	Shear-dependent platelet aggregation size. <i>Artificial Organs</i> , 2020 , 44, 1286-1295	2.6	5
195	Extracorporeal life support for adults with acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020 , 46, 2464-2476	14.5	40

194	Reply to Zhang and Hei: Mesenchymal Stem Cell-derived Exosomes: Are They Another Therapeutic Method for Extracorporeal Membrane Oxygenation-supported Acute Respiratory Distress Syndrome?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1603-1604	10.2	
193	Apples and oranges: international comparisons of COVID-19 observational studies in ICUs. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 952-953	35.1	9
192	Improving skin integration around long-term percutaneous devices using fibrous scaffolds in a reconstructed human skin equivalent model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 738-749	3.5	5
191	Biofilm formation and migration on ventricular assist device drivelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 159, 491-502.e2	1.5	12
190	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> , 2020 , 35, 1153-1161	3.3	9
189	The potential prognostic utility of salivary galectin-3 concentrations in heart failure. <i>Clinical Research in Cardiology</i> , 2020 , 109, 685-692	6.1	6
188	Sedatives, analgesics and antipsychotics in tracheostomised ICU patients - Is less more?. <i>Australian Critical Care</i> , 2020 , 33, 407-411	2.9	1
187	Earlier tracheostomy is associated with an earlier return to walking, talking, and eating. <i>Australian Critical Care</i> , 2020 , 33, 213-218	2.9	6
186	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> , 2020 , 202, 383-392	10.2	17
185	Current Understanding of Leukocyte Phenotypic and Functional Modulation During Extracorporeal Membrane Oxygenation: A Narrative Review. <i>Frontiers in Immunology</i> , 2020 , 11, 600684	8.4	3
184	Extracorporeal membrane oxygenation (ECMO) and the acute respiratory distress syndrome (ARDS): a systematic review of pre-clinical models. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 18	3.7	12
183	Low flow rate alters haemostatic parameters in an ex-vivo extracorporeal membrane oxygenation circuit. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 51	3.7	17
182	Hurdles to Cardioprotection in the Critically Ill. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
181	The Australasian Resuscitation In Sepsis Evaluation: FLUID or vasopressors In Emergency Department Sepsis, a multicentre observational study (ARISE FLUIDS observational study): Rationale, methods and analysis plan. <i>EMA - Emergency Medicine Australasia</i> , 2019 , 31, 90-96	1.5	8
180	Venoarterial extracorporeal membrane oxygenation: A systematic review of selection criteria, outcome measures and definitions of complications. <i>Journal of Critical Care</i> , 2019 , 53, 32-37	4	11
179	Pre-clinical study protocol: Blood transfusion in endotoxaemic shock. <i>MethodsX</i> , 2019 , 6, 1124-1132	1.9	1
178	Steps to Enhance Safety of Tracheostomy on ECMO. <i>Journal of Intensive Care Medicine</i> , 2019 , 34, 1074-1078	3.5	10
177	Evaluation of an intraventricular balloon pump for short-term support of patients with heart failure. <i>Artificial Organs</i> , 2019 , 43, 860-869	2.6	6

176	Mesenchymal stem cells may ameliorate inflammation in an ex vivo model of extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 15-21	1.9	14
175	Effect of ex vivo extracorporeal membrane oxygenation flow dynamics on immune response. <i>Perfusion (United Kingdom)</i> , 2019 , 34, 5-14	1.9	9
174	Endothelialized flow models for blood transfusion research. <i>Haematologica</i> , 2019 , 104, 428-434	6.6	1
173	Comorbidities and Ventricular Dysfunction Drive Excess Mid-Term Morbidity in an Indigenous Australian Coronary Revascularisation Cohort. <i>Heart Lung and Circulation</i> , 2019 , 28, 874-883	1.8	4
172	How to use humidified high-flow nasal cannula in breathless adults in the emergency department. <i>EMA - Emergency Medicine Australasia</i> , 2019 , 31, 863-868	1.5	1
171	Maximal Recruitment Open Lung Ventilation in Acute Respiratory Distress Syndrome (PHARLAP). A Phase II, Multicenter Randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 1363-1372	10.2	43
170	A randomized, controlled pilot clinical trial of cryopreserved platelets for perioperative surgical bleeding: the CLIP-I trial (Editorial, p. 2759). <i>Transfusion</i> , 2019 , 59, 2794-2804	2.9	22
169	Nosocomial infection prevalence in patients undergoing extracorporeal membrane oxygenation (ECMO): protocol for a point prevalence study across Australia and New Zealand. <i>BMJ Open</i> , 2019 , 9, e029293	3	2
168	Nasal High Flow in Room Air for Hypoxemic Bronchiolitis Infants. <i>Frontiers in Pediatrics</i> , 2019 , 7, 426	3.4	2
167	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. <i>Echo Research and Practice</i> , 2019 , 6, 25-35	2	4
166	Fluid resuscitation with 0.9% saline alters haemostasis in an ovine model of endotoxemic shock. <i>Thrombosis Research</i> , 2019 , 176, 39-45	8.2	5
165	Multicentre, randomised trial to investigate early nasal high-flow therapy in paediatric acute hypoxaemic respiratory failure: a protocol for a randomised controlled trial-a Paediatric Acute respiratory Intervention Study (PARIS 2). <i>BMJ Open</i> , 2019 , 9, e030516	3	2
164	Individualizing Sedation in Acute Respiratory Distress Syndrome Patients on Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2019 , 65, e44-e45	3.6	2
163	Cannula and circuit management in peripheral extracorporeal membrane oxygenation: An international survey of 45 countries. <i>PLoS ONE</i> , 2019 , 14, e0227248	3.7	10
162	Lung Pharmacokinetics of Tobramycin by Intravenous and Nebulized Dosing in a Mechanically Ventilated Healthy Ovine Model. <i>Anesthesiology</i> , 2019 , 131, 344-355	4.3	10
161	Neuron-Specific Enolase and Matrix Metalloproteinase 9 Signal Perioperative Silent Brain Infarction During or After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019 , 123, 434-439	3	3
160	Respiratory support for infants with bronchiolitis, a narrative review of the literature. <i>Paediatric Respiratory Reviews</i> , 2019 , 30, 16-24	4.8	11
159	A Review of Coronary Artery Bypass Grafting in the Indigenous Australian Population. <i>Heart Lung and Circulation</i> , 2019 , 28, 530-538	1.8	1

158	Meta-Analysis of Electroacupuncture in Cardiac Anesthesia and Intensive Care. <i>Journal of Intensive Care Medicine</i> , 2019 , 34, 652-661	3.3	10
157	e-Screening revolution: A novel approach to developing a delirium screening tool in the intensive care unit. <i>Australasian Journal on Ageing</i> , 2018 , 37, 147-150	1.5	3
156	Review article: Sepsis in the emergency department - Part 3: Treatment. <i>EMA - Emergency Medicine Australasia</i> , 2018 , 30, 144-151	1.5	7
155	Position paper for the organization of ECMO programs for cardiac failure in adults. <i>Intensive Care Medicine</i> , 2018 , 44, 717-729	14.5	162
154	Review article: Sepsis in the emergency department - Part 2: Investigations and monitoring. <i>EMA - Emergency Medicine Australasia</i> , 2018 , 30, 4-12	1.5	16
153	Topographical distribution of perioperative cerebral infarction associated with transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2018 , 197, 113-123	4.9	6
152	Effect of cardiopulmonary bypass on cytochrome P450 enzyme activity: implications for pharmacotherapy. <i>Drug Metabolism Reviews</i> , 2018 , 50, 109-124	7	0
151	Characterisation of 40 mg/ml and 100 mg/ml tobramycin formulations for aerosol therapy with adult mechanical ventilation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018 , 50, 93-99	3.5	3
150	Advances in critical care management of patients undergoing cardiac surgery. <i>Intensive Care Medicine</i> , 2018 , 44, 799-810	14.5	13
149	A Randomized Trial of High-Flow Oxygen Therapy in Infants with Bronchiolitis. <i>New England Journal of Medicine</i> , 2018 , 378, 1121-1131	59.2	177
148	Differential immunological profiles herald magnetic resonance imaging-defined perioperative cerebral infarction. <i>Therapeutic Advances in Neurological Disorders</i> , 2018 , 11, 1756286418759493	6.6	5
147	An Ovine Model of Hyperdynamic Endotoxemia and Vital Organ Metabolism. <i>Shock</i> , 2018 , 49, 99-107	3.4	14
146	Are pressure injuries related to skin failure in critically ill patients?. <i>Australian Critical Care</i> , 2018 , 31, 257-263	2.9	19
145	High flow nasal oxygen after bariatric surgery (OXYBAR), prophylactic post-operative high flow nasal oxygen versus conventional oxygen therapy in obese patients undergoing bariatric surgery: study protocol for a randomised controlled pilot trial. <i>Trials</i> , 2018 , 19, 402	2.8	4
144	Untapped potential in Australian Hospitals for organ donation after circulatory death. <i>Medical Journal of Australia</i> , 2018 , 208, 276-276	4	1
143	Dressings and securements for the prevention of peripheral intravenous catheter failure in adults (SAVE): a pragmatic, randomised controlled, superiority trial. <i>Lancet, The</i> , 2018 , 392, 419-430	40	66
142	Extracorporeal membrane oxygenation line-associated complications: in vitro testing of cyanoacrylate tissue adhesive and securement devices to prevent infection and dislodgement. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 6	3.7	9
141	An Overview of Indigenous Australian Disadvantage in Terms of Ischaemic Heart Disease. <i>Heart Lung and Circulation</i> , 2018 , 27, 1274-1284	1.8	5

140	Speed Modulation of the HeartWare HVAD to Assess In Vitro Hemocompatibility of Pulsatile and Continuous Flow Regimes in a Rotary Blood Pump. <i>Artificial Organs</i> , 2018 , 42, 879-890	2.6	11
139	Clinical Implications of Monitoring Tissue Perfusion in Cardiogenic Shock 2018 , 193-206		1
138	Unintended Consequences: Fluid Resuscitation Worsens Shock in an Ovine Model of Endotoxemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1043-1054	10.2	72
137	The past, present, and future 2018 , 775-798		
136	Nano- and micro-materials in the treatment of internal bleeding and uncontrolled hemorrhage. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 507-519	6	28
135	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> , 2018 , 1073, 118-122	3.2	6
134	Time Course Response of the Heart and Circulatory System to Active Postural Changes. <i>Journal of Biomechanical Engineering</i> , 2018 , 140,	2.1	3
133	Pulmonary Valve Opening With Two Rotary Left Ventricular Assist Devices for Biventricular Support. <i>Artificial Organs</i> , 2018 , 42, 31-40	2.6	4
132	Allotaxis and sedation practices in intensive care evaluation: an observational pilot study. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 13	3.7	0
131	Inflammation and lung injury in an ovine model of fluid resuscitated endotoxemic shock. <i>Respiratory Research</i> , 2018 , 19, 231	7.3	10
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