

Kollengode Ramanathan

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,350
citations

471509

17
h-index

223800

46
g-index

62
all docs

62
docs citations

62
times ranked

3005
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	656
2	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,the</i> , 2020, 8, 518-526.	10.7	423
3	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> , 2020, 66, 707-721.	1.6	296
4	Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 211.	5.8	185
5	Myopericarditis following COVID-19 vaccination and non-COVID-19 vaccination: a systematic review and meta-analysis. <i>Lancet Respiratory Medicine,the</i> , 2022, 10, 679-688.	10.7	102
6	Ethical Dilemmas of Adult ECMO: Emerging Conceptual Challenges. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 229-233.	1.3	49
7	Highlights from the Extracorporeal Life Support Organization Registry: 2006â€“2017. <i>ASAIO Journal</i> , 2019, 65, 537-544.	1.6	44
8	Hypercoagulability, endotheliopathy, and inflammation approximating 1â€™%year after recovery: Assessing the longâ€™term outcomes in <scp>COVID</scp>â€™19 patients. <i>American Journal of Hematology</i> , 2022, 97, 915-923.	4.1	42
9	Venoarterial extracorporeal membrane oxygenation as mechanical circulatory support in adult septic shock: a systematic review and meta-analysis with individual participant data meta-regression analysis. <i>Critical Care</i> , 2021, 25, 246.	5.8	41
10	Vascular Complications of Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-Regression Analysis. <i>Critical Care Medicine</i> , 2020, 48, e1269-e1277.	0.9	38
11	Prone positioning during venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 292.	5.8	38
12	Extracorporeal Membrane Oxygenation in Pregnant and Postpartum Women: A Systematic Review and Meta-Regression Analysis. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 220-228.	2.8	36
13	Evolving outcomes of extracorporeal membrane oxygenation during the first 2Âˆyears of the COVID-19 pandemic: a systematic review and meta-analysis. <i>Critical Care</i> , 2022, 26, .	5.8	34
14	State of Personal Protective Equipment Practice in Indian Intensive Care Units amidst COVID-19 Pandemic: A Nationwide Survey. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, 809-816.	0.9	23
15	Role of extracorporeal membrane oxygenation in children with sepsis: a systematic review and meta-analysis. <i>Critical Care</i> , 2020, 24, 684.	5.8	20
16	Extracorporeal Membrane Oxygenation for Adult Community-Acquired Pneumonia. <i>Critical Care Medicine</i> , 2017, 45, 814-821.	0.9	19
17	Extracorporeal membrane oxygenation for poisoning in adult patients: outcomes and predictors of mortality. <i>Intensive Care Medicine</i> , 2017, 43, 1538-1539.	8.2	19
18	Severe COVID-19 and coagulopathy: A systematic review and meta-analysis. <i>Annals of the Academy of Medicine, Singapore</i> , 2021, 50, 325-335.	0.4	18

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19	Concurrent Use of Renal Replacement Therapy during Extracorporeal Membrane Oxygenation Support: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 241.	2.4	18
20	Personal protective equipment preparedness in Asia-Pacific intensive care units during the coronavirus disease 2019 pandemic: A multinational survey. <i>Australian Critical Care</i> , 2021, 34, 135-141.	1.3	17
21	Extracorporeal Membrane Oxygenation During Adult Noncardiac Surgery and Perioperative Emergencies: A Narrative Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 281-297.	1.3	16
22	Dengue Myopericarditis Mimicking Acute Myocardial Infarction. <i>Circulation</i> , 2015, 131, e519-22.	1.6	14
23	Criteria, Processes, and Determination of Competence in Basic Critical Care Echocardiography Training. <i>Chest</i> , 2022, 161, 492-503.	0.8	14
24	Autopsy and clinical discrepancies in patients undergoing extracorporeal membrane oxygenation: a case series. <i>Cardiovascular Pathology</i> , 2019, 41, 24-28.	1.6	12
25	Outcomes of Pediatric Extracorporeal Cardiopulmonary Resuscitation: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021, 49, 682-692.	0.9	12
26	Basic echocardiography competence program in intensive care units: A multinational survey of intensive care units accredited by the College of Intensive Care Medicine. <i>Anaesthesia and Intensive Care</i> , 2020, 48, 150-154.	0.7	11
27	Vortex dynamics of veno-arterial extracorporeal circulation: A computational fluid dynamics study. <i>Physics of Fluids</i> , 2021, 33, .	4.0	11
28	Global haemostatic tests demonstrate the absence of parameters of hypercoagulability in non-hypoxic mild COVID-19 patients: a prospective matched study. <i>Journal of Thrombosis and Thrombolysis</i> , 2022, 53, 646-662.	2.1	11
29	Convalescent Plasma for Patients Hospitalized With Coronavirus Disease 2019: A Meta-Analysis With Trial Sequential Analysis of Randomized Controlled Trials. <i>Transfusion Medicine Reviews</i> , 2022, 36, 16-26.	2.0	11
30	Extracorporeal Life Support Organization Guidelines for Fluid Overload, Acute Kidney Injury, and Electrolyte Management. <i>ASAIO Journal</i> , 2022, 68, 611-618.	1.6	11
31	Centrifugal and Roller Pumps in Neonatal and Pediatric Extracorporeal Membrane Oxygenation: A Systematic Review and Meta-Analysis of Clinical Outcomes. <i>ASAIO Journal</i> , 2022, 68, 311-317.	1.6	10
32	Rescue extracorporeal membrane oxygenation for massive anterior mediastinal masses. <i>Journal of Artificial Organs</i> , 2021, 24, 450-457.	0.9	9
33	Extracorporeal therapy for amlodipine poisoning. <i>Journal of Artificial Organs</i> , 2020, 23, 183-186.	0.9	8
34	Blood transfusion strategies and ECMO during the COVID-19 pandemic – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2020, 8, e41.	10.7	8
35	ECMO and adult mediastinal masses. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 37, 338-343.	0.6	8
36	Organization of thoracic surgical services during the COVID pandemic. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2021, 19, e1-e8.	1.8	6

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37	Prone Positioning of Patients during Venovenous Extracorporeal Membrane Oxygenation. <i>Annals of the American Thoracic Society</i> , 2021, 18, 421-423.	3.2	6
38	Extracorporeal membrane oxygenation in patients with hematologic malignancies: a systematic review and meta-analysis. <i>Annals of Hematology</i> , 2022, 101, 1395-1406.	1.8	5
39	Extracorporeal life support for immune reconstitution inflammatory syndrome in HIV patients with <i>Pneumocystis jirovecii</i> pneumonia. <i>Journal of Artificial Organs</i> , 2018, 21, 371-373.	0.9	4
40	Non-invasive Oxygen Strategies to Manage Confirmed COVID-19 Patients in Indian Intensive Care Units: A Survey. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, 926-931.	0.9	4
41	Ethical challenges of adult ECMO. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 37, 303-308.	0.6	3
42	Personal protective equipment preparedness in intensive care units during the coronavirus disease 2019 pandemic: An Asia-Pacific follow-up survey. <i>Australian Critical Care</i> , 2021, , .	1.3	3
43	Letter to the editor regarding Extracorporeal membrane oxygenation for COVID-19: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 285.	5.8	3
44	Comprehensive assessment of a nationwide simulation-based course for artificial life support. <i>PLoS ONE</i> , 2021, 16, e0257162.	2.5	3
45	<scp>BNT162b2 mRNA SARSâ€CoV</scp>â€2 vaccination does not cause upregulation of endothelial activation markers or hypercoagulability: A prospective, <scp>singleâ€arm</scp>, longitudinal study. <i>American Journal of Hematology</i> , 2022, 97, .	4.1	3
46	Artificial intelligence in peripheral blood films: an evolving landscape. <i>Lancet Haematology</i> , the, 2022, 9, e174.	4.6	3
47	Expanding the utility of the ROX index among patients with acute hypoxemic respiratory failure. <i>PLoS ONE</i> , 2022, 17, e0261234.	2.5	3
48	Autopsy examination after extracorporeal membrane oxygenation: â€Mortuis vivos docentâ€™. <i>Journal of Thoracic Disease</i> , 2020, 12, 1121-1123.	1.4	2
49	Organization of extracorporeal membrane oxygenation services for COVID-19. <i>Asian Cardiovascular and Thoracic Annals</i> , 2021, 29, 165-169.	0.5	2
50	Development and validation of a tool to appraise guidelines on SARS-CoV-2 infection control strategies in healthcare workers. <i>Australian Critical Care</i> , 2021, , .	1.3	2
51	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> , 0, , 026765912210962.	1.0	2
52	High-flow nasal cannula therapy: A multicentred survey of the practices among physicians and respiratory therapists in Singapore. <i>Australian Critical Care</i> , 2021, , .	1.3	1
53	Shared Decision-Making during Extracorporeal Membrane Oxygenation. , 2021, , 67-76.		0
54	Coagulopathy related to trauma: Is it time for a goal-directed approach?. <i>Annals of the Academy of Medicine, Singapore</i> , 2022, 51, 5-7.	0.4	0

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55	Post-operative management of hypertrophic obstructive cardiomyopathy. Asian Cardiovascular and Thoracic Annals, 2022, 30, 57-63.	0.5	0
56	Design Variation, Implantation, and Outcome of Transcatheter Mitral Valve Prosthesis: A Comprehensive Review. Frontiers in Cardiovascular Medicine, 2021, 8, 782278.	2.4	0
57	Coagulopathy related to trauma: Is it time for a goal-directed approach?. Annals of the Academy of Medicine, Singapore, 2022, 51, 5-7.	0.4	0