

Ayan Sen

List of Publications by Year in descending order

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47
papers

1,027
citations

471509

17
h-index

434195

31
g-index

48
all docs

48
docs citations

48
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ascorbic Acid, Corticosteroids, and Thiamine on Organ Injury in Septic Shock. JAMA - Journal of the American Medical Association, 2020, 324, 642.	7.4	169
2	Ascorbic acid, corticosteroids, and thiamine in sepsis: a review of the biologic rationale and the present state of clinical evaluation. Critical Care, 2018, 22, 283.	5.8	118
3	Mechanical circulatory assist devices: a primer for critical care and emergency physicians. Critical Care, 2016, 20, 153.	5.8	78
4	Chloride Content of Fluids Used for Large-Volume Resuscitation Is Associated With Reduced Survival. Critical Care Medicine, 2017, 45, e146-e153.	0.9	76
5	Three Decades of Disasters: A Review of Disaster-Specific Literature from 1977â€“2009. Prehospital and Disaster Medicine, 2009, 24, 306-311.	1.3	70
6	Inferior vena cava assessment in the bedside diagnosis of acute heart failure. American Journal of Emergency Medicine, 2012, 30, 778-783.	1.6	55
7	Noninvasive continuous or intermittent blood pressure and heart rate patient monitoring in the ED. American Journal of Emergency Medicine, 2011, 29, 782-789.	1.6	40
8	Complications of Solid Organ Transplantation. Critical Care Clinics, 2019, 35, 169-186.	2.6	39
9	Adult venovenous extracorporeal membrane oxygenation for severe respiratory failure: Current status and future perspectives. Annals of Cardiac Anaesthesia, 2016, 19, 97.	0.6	37
10	Cricoid pressure in emergency rapid sequence induction. Emergency Medicine Journal, 2005, 22, 815-816.	1.0	31
11	Early Absent Pupillary Light Reflexes After Cardiac Arrest in Patients Treated with Therapeutic Hypothermia. Therapeutic Hypothermia and Temperature Management, 2016, 6, 116-121.	0.9	29
12	User perception and experience of the introduction of a novel critical care patient viewer in the ICU setting. International Journal of Medical Informatics, 2016, 88, 86-91.	3.3	27
13	Risk factors for and prediction of post-intubation hypotension in critically ill adults: A multicenter prospective cohort study. PLoS ONE, 2020, 15, e0233852.	2.5	27
14	The inability of emergency physicians to adequately clinically estimate the underlying hemodynamic profiles of acutely ill patients. American Journal of Emergency Medicine, 2012, 30, 954-960.	1.6	23
15	Identification of Dynamic Prehospital Changes With Continuous Vital Signs Acquisition. Air Medical Journal, 2014, 33, 27-33.	0.6	21
16	Cytomegalovirus haemorrhagic enterocolitis associated with severe infection with COVID-19. BMJ Open Gastroenterology, 2021, 8, e000556.	2.7	21
17	Outcomes of COVID-19 With the Mayo Clinic Model of Care and Research. Mayo Clinic Proceedings, 2021, 96, 601-618.	3.0	20
18	Gastric ischemia and portal vein thrombosis in a COVID-19-infected patient. Endoscopy, 2020, 52, E465-E466.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Chest drains in traumatic occult pneumothorax. <i>Emergency Medicine Journal</i> , 2006, 23, 138-139.	1.0	16
20	Reversible cardiac dysfunction in severe COVID-19 infection, mechanisms and case report. <i>Echocardiography</i> , 2020, 37, 1465-1469.	0.9	14
21	Prehospital endotracheal intubation in adult major trauma patients with head injury. <i>Emergency Medicine Journal</i> , 2005, 22, 887-889.	1.0	13
22	Hemicraniectomy for Ischemic and Hemorrhagic Stroke. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 349-360.	1.7	12
23	Hydroxocobalamin in Refractory Septic Shock: A Retrospective Case Series. , 2021, 3, e0408.		12
24	BET 1: Cricoid pressure in emergency rapid sequence induction: Table 1. <i>Emergency Medicine Journal</i> , 2013, 30, 163.2-165.	1.0	9
25	Practical Considerations for and Outcomes of Interfacility ECMO Transfer of Patients With COVID-19 During a Pandemic: Mayo Clinic Experience. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 525-531.	2.4	7
26	Antifibrinolytics for the initial management of sub arachnoid haemorrhage. <i>Emergency Medicine Journal</i> , 2005, 22, 274-275.	1.0	6
27	Continuous Hemodynamic Monitoring in Acute Stroke: An Exploratory Analysis. <i>Western Journal of Emergency Medicine</i> , 2014, 15, 345-350.	1.1	5
28	Risk Factors for and Outcomes Associated With Peri-Intubation Hypoxemia: A Multicenter Prospective Cohort Study. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1466-1474.	2.8	5
29	Team Cognition As a Means to Improve Care Delivery in Critically Ill Patients With Cancer After Hematopoietic Cell Transplantation. <i>Journal of Oncology Practice</i> , 2016, 12, 1091-1099.	2.5	4
30	Management of Acute Mechanical Mitral Valve Thrombosis With Venoarterial Extracorporeal Membrane Oxygenation (ECMO). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 240-242.	1.3	4
31	Reintubation Summation Calculation: A Predictive Score for Extubation Failure in Critically Ill Patients. <i>Frontiers in Medicine</i> , 2021, 8, 789440.	2.6	4
32	Relation of Telemetry Use and Mortality Risk, Hospital Length of Stay, and Readmission Rates in Patients With Respiratory Illness. <i>American Journal of Cardiology</i> , 2017, 120, 1416-1420.	1.6	3
33	Hemophagocytic Lymphohistiocytosis Secondary to Disseminated Histoplasmosis in Rheumatologic Disease. <i>Case Reports in Critical Care</i> , 2021, 2021, 1-6.	0.4	3
34	End-of-Life Care in Patients Undergoing Allogeneic Hematopoietic Cell Transplantation. <i>Journal of Palliative Medicine</i> , 2021, . .	1.1	3
35	It Was the Best of Rounds, It Was the Worst of Rounds, It Was the Age of Wisdom, It Was the Age of Electronic Health Records*. <i>Critical Care Medicine</i> , 2018, 46, 1685-1686.	0.9	2
36	Doegje Potter syndrome presenting as multiple fibrous tumours of the chest. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	1.1	2

#	ARTICLE	IF	CITATIONS
37	BET 4. COMPUTED TOMOGRAPHIC ANGIOGRAPHY FOR DETECTION OF SUBARACHNOID HAEMORRHAGE. Emergency Medicine Journal, 2008, 25, 290-291.	1.0	1
38	Inhaled nitric oxide mitigates need for extracorporeal membrane oxygenation in a patient with refractory acute hypoxemic respiratory failure due to cardiac and pulmonary shunts. Respiratory Medicine Case Reports, 2018, 24, 98-102.	0.4	1
39	1053: Survey of Perception of Using Video Recognition and Computer Vision in the Intensive Care Unit. Critical Care Medicine, 2021, 49, 526-526.	0.9	1
40	Ultrasound-Enabled Noninvasive Management of Inadvertent Carotid Cannulation. Wisconsin Medical Journal, 2018, 117, 126-129.	0.3	1
41	Intravenous magnesium in shock-resistant tachyarrhythmias. Emergency Medicine Journal, 2006, 23, 220-221.	1.0	0
42	209. Critical Care Medicine, 2013, 41, A47.	0.9	0
43	671. Critical Care Medicine, 2014, 42, A1521.	0.9	0
44	62-Year-Old Man With Encephalopathy and Fatigue After Allogeneic Bone Marrow Transplant. Mayo Clinic Proceedings, 2018, 93, 1139-1143.	3.0	0
45	Review: In critically ill adults, diagnostic accuracy of noninvasive tests for detecting elevated ICP varies. Annals of Internal Medicine, 2019, 171, JC68.	3.9	0
46	Novel Use of Extracorporeal Blood Purification for Treatment of Severe, Refractory Neurotoxicity After Chimeric Antigen Receptor T-Cell Therapy—A Case Report. , 2021, 3, e0472.		0
47	1257: Hydroxocobalamin for Refractory Septic Shock. Critical Care Medicine, 2021, 49, 634-634.	0.9	0