

Akram Khan

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

9,420
citations

109264

35
h-index

79644

73
g-index

89
all docs

89
docs citations

89
times ranked

13451
citing authors

#	ARTICLE	IF	CITATIONS
1	Symptom Duration and Risk Factors for Delayed Return to Usual Health Among Outpatients with COVID-19 in a Multistate Health Care Systems Network â€” United States, Marchâ€”June 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 993-998.	9.0	1,005
2	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 790-802.	13.9	778
3	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 777-789.	13.9	712
4	Early Neuromuscular Blockade in the Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> , 2019, 380, 1997-2008.	13.9	576
5	A pilot clinical trial of recombinant human angiotensin-converting enzyme 2 in acute respiratory distress syndrome. <i>Critical Care</i> , 2017, 21, 234.	2.5	515
6	Efficacy and safety of baricitinib for the treatment of hospitalised adults with COVID-19 (COV-BARRIER): a randomised, double-blind, parallel-group, placebo-controlled phase 3 trial. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 1407-1418.	5.2	501
7	Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2043.	3.8	458
8	Clinical severity of, and effectiveness of mRNA vaccines against, covid-19 from omicron, delta, and alpha SARS-CoV-2 variants in the United States: prospective observational study. <i>BMJ, The</i> , 2022, 376, e069761.	3.0	393
9	Comparative Effectiveness of Moderna, Pfizer-BioNTech, and Janssen (Johnson & Johnson) Vaccines in Preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions â€” United States, Marchâ€”August 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 1337-1343.	9.0	358
10	Effect of Hydroxychloroquine on Clinical Status at 14 Days in Hospitalized Patients With COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 2165.	3.8	352
11	Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Among Hospitalized Adults Aged â‰¥65 Years â€” United States, Januaryâ€”March 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 674-679.	9.0	245
12	Intubation Practices and Adverse Peri-intubation Events in Critically Ill Patients From 29 Countries. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1164.	3.8	232
13	Epidemiology of Acute Kidney Injury in the Intensive Care Unit. <i>Critical Care Research and Practice</i> , 2013, 2013, 1-9.	0.4	213
14	Sustained Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Associated Hospitalizations Among Adults â€” United States, Marchâ€”July 2021. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 1156-1162.	9.0	197
15	Early High-Dose Vitamin D ₃ for Critically Ill, Vitamin Dâ€”Deficient Patients. <i>New England Journal of Medicine</i> , 2019, 381, 2529-2540.	13.9	194
16	Seroprevalence of SARS-CoV-2 Among Frontline Health Care Personnel in a Multistate Hospital Network â€” 13 Academic Medical Centers, Aprilâ€”June 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1221-1226.	9.0	181
17	Effect of Vitamin C, Thiamine, and Hydrocortisone on Ventilator- and Vasopressor-Free Days in Patients With Sepsis. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 742.	3.8	168
18	Characteristics of Adult Outpatients and Inpatients with COVID-19 â€” 11 Academic Medical Centers, United States, Marchâ€”May 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 841-846.	9.0	167

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19	Fluid Response Evaluation in Sepsis Hypotension and Shock. <i>Chest</i> , 2020, 158, 1431-1445.	0.4	150
20	Effectiveness of Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccines for Preventing Coronavirus Disease 2019 Hospitalizations in the United States. <i>Clinical Infectious Diseases</i> , 2022, 74, 1515-1524.	2.9	144
21	Efficacy and safety of two neutralising monoclonal antibody therapies, sotrovimab and BRII-196 plus BRII-198, for adults hospitalised with COVID-19 (TICO): a randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 622-635.	4.6	135
22	Efficacy and safety of baricitinib plus standard of care for the treatment of critically ill hospitalised adults with COVID-19 on invasive mechanical ventilation or extracorporeal membrane oxygenation: an exploratory, randomised, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , the, 2022, 10, 327-336.	5.2	131
23	Decline in SARS-CoV-2 Antibodies After Mild Infection Among Frontline Health Care Personnel in a Multistate Hospital Network â€” 12 States, Aprilâ€”August 2020. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1762-1766.	9.0	120
24	Effectiveness of mRNA Vaccination in Preventing COVID-19â€”Associated Invasive Mechanical Ventilation and Death â€” United States, March 2021â€”January 2022. <i>Morbidity and Mortality Weekly Report</i> , 2022, 71, 459-465.	9.0	116
25	Combination Therapy with Oral Treprostinil for Pulmonary Arterial Hypertension. A Double-Blind Placebo-controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 707-717.	2.5	89
26	Effect of P2Y12 Inhibitors on Survival Free of Organ Support Among Nonâ€”Critically Ill Hospitalized Patients With COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 227.	3.8	89
27	Nonlinear Imputation of Pao 2/Fio 2 From Spo 2/Fio 2 Among Mechanically Ventilated Patients in the ICU: A Prospective, Observational Study. <i>Critical Care Medicine</i> , 2017, 45, 1317-1324.	0.4	80
28	Effectiveness of a Third Dose of Pfizer-BioNTech and Moderna Vaccines in Preventing COVID-19 Hospitalization Among Immunocompetent and Immunocompromised Adults â€” United States, Augustâ€”December 2021. <i>Morbidity and Mortality Weekly Report</i> , 2022, 71, 118-124.	9.0	76
29	Delirium in Critically Ill Patients. <i>Critical Care Clinics</i> , 2015, 31, 589-603.	1.0	72
30	Uvulopalatopharyngoplasty in the Management of Obstructive Sleep Apnea: The Mayo Clinic Experience. <i>Mayo Clinic Proceedings</i> , 2009, 84, 795-800.	1.4	62
31	A Systematic Review of the Association between Obstructive Sleep Apnea and Ventricular Arrhythmias. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 1155-1160.	1.4	54
32	Effects of hyperventilation and hypoventilation on PaCO2 and intracranial pressure during acute elevations of intraabdominal pressure with CO2 pneumoperitoneum: large animal observations. <i>Journal of the American College of Surgeons</i> , 1998, 187, 32-38.	0.2	50
33	Effect of Fluid Bolus Administration on Cardiovascular Collapse Among Critically Ill Patients Undergoing Tracheal Intubation. <i>JAMA - Journal of the American Medical Association</i> , 2022, 328, 270.	3.8	46
34	Obstructive Sleep Apnea During Rapid Eye Movement Sleep, Daytime Sleepiness, and Quality of Life in Older Men in Osteoporotic Fractures in Men (MrOS) Sleep Study. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 191-198.	1.4	42
35	Evaluation of Vasopressor Exposure and Mortality in Patients With Septic Shock*. <i>Critical Care Medicine</i> , 2020, 48, 1445-1453.	0.4	41
36	Role of Obesity in Asthma Control, the Obesity-Asthma Phenotype. <i>Journal of Allergy</i> , 2013, 2013, 1-9.	0.7	39

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37	Variation in Early Management Practices in Moderate-to-Severe ARDS in the United States. <i>Chest</i> , 2021, 160, 1304-1315.	0.4	38
38	Resistant Hypertension and Obstructive Sleep Apnea. <i>International Journal of Hypertension</i> , 2013, 2013, 1-6.	0.5	35
39	Effects of obstructive sleep apnea treatment on left atrial volume and left atrial volume index. <i>Sleep and Breathing</i> , 2008, 12, 141-147.	0.9	34
40	Assessment of Obstructive Sleep Apnea in Adults Undergoing Bariatric Surgery in the Longitudinal Assessment of Bariatric Surgery-2 (LABS-2) Study. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 21-29.	1.4	32
41	Associations between persistent symptoms after mild COVID-19 and long-term health status, quality of life, and psychological distress. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 680-689.	1.5	30
42	ICU Bed Utilization During the Coronavirus Disease 2019 Pandemic in a Multistate Analysis—March to June 2020. <i>Clinical Infectious Diseases</i> , 2021, 3, e0361.		29
43	Effect of Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers on Serum Potassium Levels and Renal Function in Ambulatory Outpatients: Risk Factors Analysis. <i>American Journal of the Medical Sciences</i> , 2008, 336, 330-335.	0.4	28
44	Blood Culture Isolates in Hemodialysis Vascular Catheter-Related Bacteremia. <i>American Journal of the Medical Sciences</i> , 2008, 336, 297-302.	0.4	28
45	Optimizing Hemodynamic Support in Septic Shock Using Central and Mixed Venous Oxygen Saturation. <i>Critical Care Clinics</i> , 2010, 26, 323-333.	1.0	25
46	Uvulopalatopharyngoplasty in the management of obstructive sleep apnea: the mayo clinic experience. <i>Mayo Clinic Proceedings</i> , 2009, 84, 795-800.	1.4	25
47	mRNA Vaccine Effectiveness Against Coronavirus Disease 2019 Hospitalization Among Solid Organ Transplant Recipients. <i>Journal of Infectious Diseases</i> , 2022, 226, 797-807.	1.9	25
48	Rationale and Design of ORCHID: A Randomized Placebo-controlled Clinical Trial of Hydroxychloroquine for Adults Hospitalized with COVID-19. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1144-1153.	1.5	24
49	Sleep Disordered Breathing in Isolated Unilateral and Bilateral Diaphragmatic Dysfunction. <i>Journal of Clinical Sleep Medicine</i> , 2014, 10, 509-515.	1.4	24
50	Rhythmic movement disorder. <i>Sleep Medicine</i> , 2008, 9, 329-330.	0.8	20
51	Pharmacokinetic and Pharmacodynamic Profiling of Minocycline for Injection following a Single Infusion in Critically Ill Adults in a Phase IV Open-Label Multicenter Study (ACUMIN). <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	19
52	Influenza Vaccine Effectiveness for Prevention of Severe Influenza-Associated Illness Among Adults in the United States, 2019–2020: A Test-Negative Study. <i>Clinical Infectious Diseases</i> , 2021, 73, 1459-1468.	2.9	17
53	Effectiveness of mRNA Vaccines Against COVID-19 Hospitalization by Age and Chronic Medical Conditions Burden Among Immunocompetent US Adults, March-August 2021. <i>Journal of Infectious Diseases</i> , 2022, 225, 1694-1700.	1.9	14
54	Volume Management in the Critically Ill Patient with Acute Kidney Injury. <i>Critical Care Research and Practice</i> , 2013, 2013, 1-6.	0.4	13

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55	Racial and Sex Differences in Presentation and Outcomes of Small Cell Lung Cancer in the United States: 1973 to 2010. <i>Chest</i> , 2015, 147, e164-e165.	0.4	11
56	Restoration of resident sleep and wellness with block scheduling. <i>Medical Education</i> , 2017, 51, 1241-1249.	1.1	9
57	Protection of Messenger RNA Vaccines Against Hospitalized Coronavirus Disease 2019 in Adults Over the First Year Following Authorization in the United States. <i>Clinical Infectious Diseases</i> , 2023, 76, e460-e468.	2.9	9
58	Optimal right heart filling pressure in acute respiratory distress syndrome determined by strain echocardiography. <i>Echocardiography</i> , 2017, 34, 851-861.	0.3	8
59	Influenza vaccine acceptance and hesitancy among adults hospitalized with severe acute respiratory illnesses, United States 2019-2020. <i>Vaccine</i> , 2021, 39, 5271-5276.	1.7	8
60	Effect of Early High-Dose Vitamin D3 Repletion on Cognitive Outcomes in Critically Ill Adults. <i>Chest</i> , 2021, 160, 909-918.	0.4	8
61	Oral treprostinil improves pulmonary vascular compliance in pulmonary arterial hypertension. <i>Respiratory Medicine</i> , 2022, 193, 106744.	1.3	8
62	Variation in Fluid and Vasopressor Use in Shock With and Without Physiologic Assessment: A Multicenter Observational Study. <i>Critical Care Medicine</i> , 2020, 48, 1436-1444.	0.4	7
63	Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). <i>Clinical Infectious Diseases</i> , 2021, 72, 1669-1675.	2.9	7
64	The Nature and Variability of Automated Practice Alerts Derived from Electronic Health Records in a U.S. Nationwide Critical Care Research Network. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1784-1788.	1.5	6
65	Modeling the Impacts of Clinical Influenza Testing on Influenza Vaccine Effectiveness Estimates. <i>Journal of Infectious Diseases</i> , 2021, 224, 2035-2042.	1.9	5
66	Association of massive transfusion for resuscitation in gastrointestinal bleeding with transfusion-related acute lung injury. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 506-513.	0.3	5
67	Protocol and statistical analysis plan for the PREventing cardiovascular collaPse with Administration of fluid RESuscitation during Induction and Intubation (PREPARE II) randomised clinical trial. <i>BMJ Open</i> , 2020, 10, e036671.	0.8	4
68	Influence of medical trainee sleep pattern (chronotype) on burn-out and satisfaction with work schedules: a multicentre observational study. <i>Postgraduate Medical Journal</i> , 2021, , postgradmedj-2021-140975.	0.9	4
69	Emerging Treatments for COPD: Evidence to Date on Revfenacin. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 112-119.	0.7	3
70	Inferior vena cava dilation predicts global cardiac dysfunction in acute respiratory distress syndrome: A strain echocardiographic study. <i>Echocardiography</i> , 2021, 38, 238-248.	0.3	2
71	Adults Hospitalized With Coronavirus Disease 2019 (COVID-19) in United States, March-June and October-December 2020: Implications for the Potential Effects of COVID-19 Tier-1 Vaccination on Future Hospitalizations and Outcomes. <i>Clinical Infectious Diseases</i> , 2021, 73, S32-S37.	2.9	2
72	Ventricular Arrhythmias in Patients with Implanted Cardiac Devices at High Risk of Obstructive Sleep Apnea. <i>Medicina (Lithuania)</i> , 2022, 58, 757.	0.8	2

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73	EFFECTS OF TREATMENT OF OBSTRUCTIVE SLEEP APNEA ON BLOOD PRESSURE AND LEFT ATRIAL VOLUME. Chest, 2006, 130, 130S.	0.4	1
74	Associations of High-Risk Pregnancy With OSA. Chest, 2016, 150, 1280A.	0.4	1
75	CLINICAL UTILITY OF BISPECTRAL INDEX MONITORING IN THE ICU: A PILOT STUDY. Chest, 2006, 130, 225S.	0.4	0
76	Sleep Disordered Breathing: Alternatives to CPAP Therapy. Current Respiratory Medicine Reviews, 2007, 3, 270-277.	0.1	0
77	Insomnia and sleep-related movement disorder. Sleep Medicine, 2008, 9, 325-328.	0.8	0
78	Evaluating Clinical Predictors of Complications of Thoracentesis. Chest, 2010, 138, 348A.	0.4	0
79	A Pilot Study of the Use of Steroids for Acute Exacerbations of COPD. Chest, 2014, 146, 50A.	0.4	0
80	Utility of Tricuspid Annular Plane Systolic Excursion, Tricuspid Annular Peak Systolic Velocity, and Speckle Tracking Echocardiography in the Evaluation of Right Ventricular Performance in Acute Respiratory Distress Syndrome. Chest, 2015, 148, 332A.	0.4	0
81	The Effect of Continuous Positive Airway Pressure on Lower Esophageal Sphincter Pressure in Subjects Undergoing Bariatric Surgery. Chest, 2015, 148, 1062A.	0.4	0
82	A 55-YEAR-OLD WOMAN WITH PERSISTENT POSTOBSTRUCTIVE PNEUMONIA AND CONTRAST-ENHANCING ENDOBRONCHIAL LESION. Chest, 2018, 154, 854A-855A.	0.4	0
83	INFERIOR VENA CAVA DILATATION PREDICTS GLOBAL CARDIAC DYSFUNCTION IN ARDS: A STRAIN ECHOCARDIOGRAPHIC STUDY. Chest, 2018, 154, 58A-59A.	0.4	0
84	A 44-Year-Old Man Presenting With Massive Hemoptysis and Dyspnea. Chest, 2021, 159, e237-e241.	0.4	0
85	REAL-WORLD PATIENT REPORTED OUTCOMES USING SF-12 AND EMPHASIS-10 IN PATIENTS RECEIVING ORAL TREPROSTINIL: INTERIM ANALYSIS FROM THE ADAPT REGISTRY. Chest, 2021, 160, A2290-A2291.	0.4	0
86	Modeling Clinical Trajectory Status of Critically Ill COVID-19 Patients Over Time: A Method for Analyzing Discrete Longitudinal and Ordinal Outcomes. Journal of Clinical and Translational Science, 0, , 1-16.	0.3	0