Yan Kang

List of Publications by Year in descending order

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304368 243296 2,644 122 22 44 citations h-index g-index papers 152 152 152 3981 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The Epidemiology of Sepsis in Chinese ICUs: A National Cross-Sectional Survey. Critical Care Medicine, 2020, 48, e209-e218.	0.4	203
2	Novel coronavirus infection during the 2019–2020 epidemic: preparing intensive care units—the experience in Sichuan Province, China. Intensive Care Medicine, 2020, 46, 357-360.	3.9	199
3	Early application of airway pressure release ventilation may reduce the duration of mechanical ventilation in acute respiratory distress syndrome. Intensive Care Medicine, 2017, 43, 1648-1659.	3.9	178
4	Epidemiology and Outcome of Severe Sepsis and Septic Shock in Intensive Care Units in Mainland China. PLoS ONE, 2014, 9, e107181.	1.1	147
5	Tregs: Where We Are and What Comes Next?. Frontiers in Immunology, 2017, 8, 1578.	2.2	142
6	Terlipressin versus norepinephrine as infusion in patients with septic shock: a multicentre, randomised, double-blinded trial. Intensive Care Medicine, 2018, 44, 1816-1825.	3.9	106
7	Neutrophil-to-lymphocyte ratio as a predictive biomarker for moderate-severe ARDS in severe COVID-19 patients. Critical Care, 2020, 24, 288.	2.5	90
8	Poor lung ultrasound score in shock patients admitted to the ICU is associated with worse outcome. BMC Pulmonary Medicine, 2019, 19, 1.	0.8	78
9	What Else Can CD39 Tell Us?. Frontiers in Immunology, 2017, 8, 727.	2.2	77
10	The association between frailty and severe disease among COVID-19 patients aged over 60Âyears in China: a prospective cohort study. BMC Medicine, 2020, 18, 274.	2.3	72
11	Invasive candidiasis in intensive care units in China: Risk factors and prognoses of Candida albicans and non–albicans Candida infections. American Journal of Infection Control, 2016, 44, e59-e63.	1.1	42
12	Intermedin protects against sepsis by concurrently re-establishing the endothelial barrier and alleviating inflammatory responses. Nature Communications, 2018, 9, 2644.	5.8	40
13	The Prognostic Nutritional Index is associated with mortality of COVIDâ€19 patients in Wuhan, China. Journal of Clinical Laboratory Analysis, 2020, 34, e23566.	0.9	40
14	The epidemiology and clinical outcomes of ventilator-associated events among 20,769 mechanically ventilated patients at intensive care units: an observational study. Critical Care, 2021, 25, 44.	2.5	40
15	Current epidemiology of sepsis in mainland China. Annals of Translational Medicine, 2016, 4, 324-324.	0.7	37
16	Pentraxin-3, procalcitonin and lactate as prognostic markers in patients with sepsis and septic shock. Oncotarget, 2018, 9, 5125-5136.	0.8	36
17	Does training improve diagnostic accuracy and inter-rater agreement in applying the Berlin radiographic definition of acute respiratory distress syndrome? A multicenter prospective study. Critical Care, 2017, 21, 12.	2.5	35
18	A precision medicine approach to managing 2019 novel coronavirus pneumonia. Precision Clinical Medicine, 2020, 3, 14-21.	1.3	34

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19	Piezo1 induced apoptosis of type II pneumocytes during ARDS. Respiratory Research, 2019, 20, 118.	1.4	33
20	Oropharyngeal colostrum therapy reduces the incidence of ventilator-associated pneumonia in very low birth weight infants: a systematic review and meta-analysis. Pediatric Research, 2021, 89, 54-62.	1.1	32
21	End-of-Life Care in ICUs in East Asia: A Comparison Among China, Korea, and Japan. Critical Care Medicine, 2018, 46, 1114-1124.	0.4	31
22	Sedation Effects Produced by a Ciprofol Initial Infusion or Bolus Dose Followed by Continuous Maintenance Infusion in Healthy Subjects: A Phase 1 Trial. Advances in Therapy, 2021, 38, 5484-5500.	1.3	31
23	miR-1273g-3p participates in acute glucose fluctuation-induced autophagy, dysfunction, and proliferation attenuation in human umbilical vein endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E734-E743.	1.8	27
24	Practice of diagnosis and management of acute respiratory distress syndrome in mainland China: a cross-sectional study. Journal of Thoracic Disease, 2018, 10, 5394-5404.	0.6	27
25	The clinical impacts and risk factors for non-central line-associated bloodstream infection in 5046 intensive care unit patients: an observational study based on electronic medical records. Critical Care, 2019, 23, 52.	2.5	26
26	Individualized resuscitation strategy for septic shock formalized by finite mixture modeling and dynamic treatment regimen. Critical Care, 2021, 25, 243.	2.5	26
27	Rational Application of \hat{l}^2 -Hydroxybutyrate Attenuates Ischemic Stroke by Suppressing Oxidative Stress and Mitochondrial-Dependent Apoptosis via Activation of the Erk/CREB/eNOS Pathway. ACS Chemical Neuroscience, 2021, 12, 1219-1227.	1.7	25
28	Association between glucocorticoids treatment and viral clearance delay in patients with COVID-19: a systematic review and meta-analysis. BMC Infectious Diseases, 2021, 21, 1063.	1.3	25
29	XGBoost Machine Learning Algorism Performed Better Than Regression Models in Predicting Mortality of Moderate-to-Severe Traumatic Brain Injury. World Neurosurgery, 2022, 163, e617-e622.	0.7	24
30	A novel scoring system for gastric cancer risk assessment based on the expression of three CLIP4 DNA methylation-associated genes. International Journal of Oncology, 2018, 53, 633-643.	1.4	22
31	Risk factors for fluconazole-resistant invasive candidiasis in intensive care unit patients: An analysis from the China Survey of Candidiasis study. Journal of Critical Care, 2015, 30, 862.e1-862.e5.	1.0	20
32	The Current Epidemiological Landscape of Ventilator-associated Pneumonia in the Intensive Care Unit: A Multicenter Prospective Observational Study in China. Clinical Infectious Diseases, 2018, 67, S153-S161.	2.9	20
33	Comparison of Associations Between Glucocorticoids Treatment and Mortality in COVID-19 Patients and SARS Patients: A Systematic Review and Meta-Analysis. Shock, 2021, 56, 215-228.	1.0	20
34	Safety of Moderate Hypothermia for Perinatal Hypoxic-Ischemic Encephalopathy: A Meta-analysis. Pediatric Neurology, 2017, 74, 51-61.	1.0	19
35	Elevated cardiac biomarkers may be effective prognostic predictors for patients with COVID-19: A multicenter, observational study. American Journal of Emergency Medicine, 2021, 39, 34-41.	0.7	19
36	Machine learning model for predicting acute kidney injury progression in critically ill patients. BMC Medical Informatics and Decision Making, 2022, 22, 17.	1.5	19

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37	A Skinâ€Like and Highly Stretchable Optical Fiber Sensor with the Hybrid Coding of Wavelength–Light Intensity. Advanced Intelligent Systems, 2022, 4, .	3.3	19
38	Risk Factors of Delirium in Sequential Sedation Patients in Intensive Care Units. BioMed Research International, 2017, 2017, 1-9.	0.9	18
39	The predictive value of RDW in AKI and mortality in patients with traumatic brain injury. Journal of Clinical Laboratory Analysis, 2020, 34, e23373.	0.9	18
40	A genetic variant in IL-6 lowering its expression is protective for critical patients with COVID-19. Signal Transduction and Targeted Therapy, 2022, 7, 112.	7.1	17
41	Pulmonary Infection Is an Independent Risk Factor for Long-Term Mortality and Quality of Life for Sepsis Patients. BioMed Research International, 2016, 2016, 1-10.	0.9	16
42	Characteristics of Subjects Who Failed a 120-Minute Spontaneous Breathing Trial. Respiratory Care, 2018, 63, 388-394.	0.8	16
43	Value of Kidney Disease Improving Global Outcomes Urine Output Criteria in Critically Ill Patients. Chinese Medical Journal, 2016, 129, 2050-2057.	0.9	15
44	Pharmacological Prevention of Postoperative Delirium: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-10.	0.5	15
45	CRP Albumin ratio is positively associated with poor outcome in patients with traumatic brain injury. Clinical Neurology and Neurosurgery, 2020, 195, 106051.	0.6	15
46	A risk score based on procalcitonin for predicting acute kidney injury in COVIDâ€19 patients. Journal of Clinical Laboratory Analysis, 2021, 35, e23805.	0.9	15
47	<p>Developing a Registry of Healthcare-Associated Infections at Intensive Care Units in West China: Study Rationale and Patient Characteristics</p> . Clinical Epidemiology, 2019, Volume 11, 1035-1045.	1.5	14
48	The Prevalence, Risk Factors, and Outcomes of Sepsis in Critically Ill Patients in China: A Multicenter Prospective Cohort Study. Frontiers in Medicine, 2020, 7, 593808.	1.2	14
49	Clinical outcomes and risk factors for mortality from ventilator-associated events: A registry-based cohort study among 30,830 intensive care unit patients. Infection Control and Hospital Epidemiology, 2022, 43, 48-55.	1.0	14
50	Artesunate relieves acute kidney injury through inhibiting macrophagic Mincleâ€mediated necroptosis and inflammation to tubular epithelial cell. Journal of Cellular and Molecular Medicine, 2021, 25, 8775-8788.	1.6	14
51	The utilization of critical care ultrasound to assess hemodynamics and lung pathology on ICU admission and the potential for predicting outcome. PLoS ONE, 2017, 12, e0182881.	1.1	14
52	A shift toward inhibitory receptors and impaired effector functions on NK cells contribute to immunosuppression during sepsis. Journal of Leukocyte Biology, 2020, 107, 57-67.	1.5	13
53	The role of SARC-F scale in predicting progression risk of COVID-19 in elderly patients: a prospective cohort study in Wuhan. BMC Geriatrics, 2021, 21, 355.	1.1	13
54	Hypophosphatemia at Admission is Associated with Increased Mortality in COVID-19 Patients. International Journal of General Medicine, 2021, Volume 14, 5313-5322.	0.8	13

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55	A nomogram based on serum cystatin C for predicting acute kidney injury in patients with traumatic brain injury. Renal Failure, 2021, 43, 206-215.	0.8	11
56	Epidemiological Study of Sepsis in China. Chinese Medical Journal, 2016, 129, 2967-2973.	0.9	10
57	Systemic inflammatory response syndrome in Sepsis-3: a retrospective study. BMC Infectious Diseases, 2019, 19, 139.	1.3	10
58	Serum Procalcitonin Level Predicts Acute Kidney Injury After Traumatic Brain Injury. World Neurosurgery, 2020, 141, e112-e117.	0.7	10
59	Impairment of antigen-presenting function of peripheral $\hat{I}^3\hat{I}$ T cells in patients with sepsis. Clinical and Experimental Immunology, 2022, 207, 104-112.	1.1	10
60	Risk factor for intestinal carriage of carbapenem-resistant <i>Acinetobacter baumannii</i> and the impact on subsequent infection among patients in an intensive care unit: an observational study. BMJ Open, 2020, 10, e035893.	0.8	9
61	Controlling nutritional status (CONUT) score is a predictive marker for patients with traumatic brain injury. Clinical Neurology and Neurosurgery, 2020, 195, 105909.	0.6	9
62	Bioinformatic Analysis of the Possible Regulative Network of miR-30a/e in Cardiomyocytes 2 Days Post Myocardial Infarction. Acta Cardiologica Sinica, 2018, 34, 175-188.	0.1	9
63	Diagnosis and Management of Intraabdominal Infection: Guidelines by the Chinese Society of Surgical Infection and Intensive Care and the Chinese College of Gastrointestinal Fistula Surgeons. Clinical Infectious Diseases, 2020, 71, S337-S362.	2.9	9
64	Severe Adaptive Immune Suppression May Be Why Patients With Severe COVID-19 Cannot Be Discharged From the ICU Even After Negative Viral Tests. Frontiers in Immunology, 2021, 12, 755579.	2.2	9
65	Association between the -159C/T polymorphism in the promoter region of the CD14 gene and sepsis: a meta-analysis. BMC Anesthesiology, 2017, 17, 11.	0.7	8
66	Comparison of diagnostic accuracy among procalcitonin, C-reactive protein, and interleukin 6 for blood culture positivity in general ICU patients. Critical Care, 2018, 22, 339.	2.5	8
67	Fluid Balance and Ventilator-Associated Events Among Patients Admitted to ICUs in China: A Nested Case-Control Study*. Critical Care Medicine, 2022, 50, 307-316.	0.4	8
68	Retrospective Study of Critically Ill COVID-19 Patients With and Without Extracorporeal Membrane Oxygenation Support in Wuhan, China. Frontiers in Medicine, 2021, 8, 659793.	1.2	8
69	Whole Genome Profiling of Lung Microbiome in Solid Organ Transplant Recipients Reveals Virus Involved Microecology May Worsen Prognosis. Frontiers in Cellular and Infection Microbiology, 2022, 12, 863399.	1.8	8
70	Elevated triglycerides level in hospital stay as a risk factor of mortality in patients with severe acute pancreatitis. PLoS ONE, 2018, 13, e0207875.	1.1	7
71	Critical care for severe coronavirus disease 2019: a population-based study from a province with low case-fatality rate in China. Chinese Medical Journal, 2021, 134, 98-100.	0.9	7
72	Mean arterial pressure/norepinephrine equivalent dose index as an early measure of initiation time for enteral nutrition in patients with shock: A prospective observational study. Nutrition, 2022, 96, 111586.	1.1	7

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73	Sequential use of midazolam and dexmedetomidine for long-term sedation may reduce weaning time in selected critically ill, mechanically ventilated patients: a randomized controlled study. Critical Care, 2022, 26, 122.	2.5	7
74	Cognitive impairments induced by severe acute pancreatitis are attenuated by berberine treatment in rats. Molecular Medicine Reports, 2018, 18, 3437-3444.	1.1	6
75	Risk assessment model constructed by differentially expressed IncRNAs for the prognosis of glioma. Oncology Reports, 2018, 40, 2467-2476.	1.2	6
76	The Predictive Value of Serum Uric Acid on Acute Kidney Injury following Traumatic Brain Injury. BioMed Research International, 2020, 2020, 1-8.	0.9	6
77	High-density lipoprotein cholesterol to low-density lipoprotein cholesterol ratio in early assessment of disease severity and outcome in patients with acute pancreatitis admitted to the ICU. BMC Gastroenterology, 2020, 20, 164.	0.8	6
78	Association of Gastric Antrum Echodensity and Acute Gastrointestinal Injury in Critically III Patients. Nutrients, 2022, 14, 566.	1.7	6
79	Efficacy and Safety of SARS-CoV-2 Neutralizing Antibody JS016 in Hospitalized Chinese Patients with COVID-19: a Phase 2/3, Multicenter, Randomized, Open-Label, Controlled Trial. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0204521.	1.4	6
80	Radiation Exposure to Staff in Intensive Care Unit with Portable CT Scanner. BioMed Research International, 2016, 2016, 1-4.	0.9	5
81	Effects of Safflower Yellow on the Treatment of Severe Sepsis and Septic Shock: A Randomized Controlled Clinical Trial. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	0.5	5
82	Mismatch between GLUTs and glucose levels causes neuronal damage during glucose fluctuations. Medical Hypotheses, 2018, 112, 37-39.	0.8	5
83	Early application of airway pressure release ventilation in acute respiratory distress syndrome: a therapy for all?. Intensive Care Medicine, 2018, 44, 135-136.	3.9	5
84	Compare the effect of noninvasive ventilation and tracheotomy in critically ill mechanically ventilated neurosurgical patients: a retrospective observe cohort study. BMC Neurology, 2019, 19, 79.	0.8	5
85	The Effects of Safflower Yellow on Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Randomized, Controlled Clinical Trial. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-14.	0.5	5
86	A Rare Case of Fatal Pulmonary Embolism in a Pediatric Spine Surgery. World Neurosurgery, 2020, 137, 183-186.	0.7	5
87	Association between blood transfusion and ventilator-associated events: a nested case-control study. Infection Control and Hospital Epidemiology, 2022, 43, 597-602.	1.0	5
88	Lung-protective Ventilation in Patients with Brain Injury. Chinese Medical Journal, 2016, 129, 1643-1651.	0.9	4
89	Study protocol for a multicentre, randomised, controlled trial to assess the effectiveness of antimicrobial central venous catheters versus ordinary central venous catheters at reducing catheter related infections in critically ill Chinese patients. BMJ Open, 2017, 7, e016564.	0.8	4
90	The PIEPEAR Workflow: A Critical Care Ultrasound Based 7-Step Approach as a Standard Procedure to Manage Patients with Acute Cardiorespiratory Compromise, with Two Example Cases Presented. BioMed Research International, 2018, 2018, 1-14.	0.9	4

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91	Predictive role of estimated glomerular filtration rate prior to surgery in postsurgical acute kidney injury among very elderly patients: a retrospective cohort study. Renal Failure, 2019, 41, 866-874.	0.8	4
92	The Global and Regional Lung Ultrasound Score Can Accurately Evaluate the Severity of Lung Disease in Critically Ill Patients. Journal of Ultrasound in Medicine, 2020, 39, 1879-1880.	0.8	4
93	Using Machine Learning Algorithms to Predict Hospital Acquired Thrombocytopenia after Operation in the Intensive Care Unit: A Retrospective Cohort Study. Diagnostics, 2021, 11, 1614.	1.3	4
94	Does airway pressure release ventilation offer new hope for treating acute respiratory distress syndrome?. Journal of Intensive Medicine, 2022, 2, 241-248.	0.8	4
95	Role of using two-route ulinastatin injection to alleviate intestinal injury in septic rats. Chinese Journal of Traumatology - English Edition, 2018, 21, 323-328.	0.7	3
96	Combined assessment of \hat{l} PCT and \hat{l} CRP could increase the ability to differentiate candidemia from bacteremia. Critical Care, 2019, 23, 271.	2.5	3
97	The Effect of Antibioticâ€Cycling Strategy on Antibioticâ€Resistant Bacterial Infections or Colonization in Intensive Care Units: A Systematic Review and Metaâ€Analysis. Worldviews on Evidence-Based Nursing, 2020, 17, 319-328.	1.2	3
98	Is ultrasound assessment of the inferior vena cava for fluid responsiveness unlikely to be helpful, or is it just too early to say?. Canadian Journal of Anaesthesia, 2020, 67, 783-784.	0.7	3
99	Shock in China 2018 (SIC-study): a cross-sectional survey. Annals of Translational Medicine, 2021, 9, 1219-1219.	0.7	3
100	COVID-19 mortality in ICUs associated with critical care staffing. Burns and Trauma, 2021, 9, tkab006.	2.3	3
101	Severe Patients With ARDS With COVID-19 Treated With Extracorporeal Membrane Oxygenation in China: A Retrospective Study. Frontiers in Medicine, 2021, 8, 699227.	1.2	3
102	Associations of Fentanyl, Sufentanil, and Remifentanil With Length of Stay and Mortality Among Mechanically Ventilated Patients: A Registry-Based Cohort Study. Frontiers in Pharmacology, 2022, 13, 858531.	1.6	3
103	Clinical features of 375 COVID-19 cases imported from Russia through the Suifenhe port and countermeasures. PLoS ONE, 2021, 16, e0261437.	1.1	3
104	Hemodynamics in Shock Patients Assessed by Critical Care Ultrasound and Its Relationship to Outcome: A Prospective Study. BioMed Research International, 2020, 2020, 1-11.	0.9	2
105	Prophylactic noninvasive positive pressure ventilation in the weaning of difficult-weaning tracheotomy patients. Annals of Translational Medicine, 2020, 8, 300-300.	0.7	2
106	Association between Domperidone Administered via Feeding Tube and Feeding Success in Critically III Patients with Enteral Feeding Intolerance. Journal of Personalized Medicine, 2021, 11, 846.	1.1	2
107	Airway Pressure Release Ventilation: Is It Really Different in Adults and Children?. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 788-789.	2.5	1
108	The neutrophil to lymphocyte ratio is an independent predictor for severe COVID-19. Wiener Klinische Wochenschrift, 2021, 133, 882-891.	1.0	1

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109	Preliminary Exploration of Epidemiologic and Hemodynamic Characteristics of Restrictive Filling Diastolic Dysfunction Based on Echocardiography in Critically III Patients: A Retrospective Study. BioMed Research International, 2018, 2018, 1-7.	0.9	1
110	IL-1RA +2018 polymorphism and the susceptivity to pneumoconiosis: a Meta-analysis. International Journal of Clinical and Experimental Medicine, 2014, 7, 2204-8.	1.3	1
111	NaÃ⁻ve T cells may be key to the low mortality of children with COVIDâ€19. Journal of Evidence-Based Medicine, 2022, 15, 3-5.	0.7	1
112	Clinical efficacy and safety of linezolid in intensive care unit patients. Journal of Intensive Medicine, 2023, 3, 65-72.	0.8	1
113	Letter by Guo et al Regarding Article, "Endovascular Versus External Targeted Temperature Management for Patients With Out-of-Hospital Cardiac Arrest: A Randomized, Controlled Study― Circulation, 2016, 133, e412.	1.6	0
114	Discussion on "Opening pressures and atelectrauma in acute respiratory distress syndrome― Intensive Care Medicine, 2017, 43, 1936-1937.	3.9	0
115	Better methodology and research index are needed. Journal of Critical Care, 2017, 41, 335-336.	1.0	0
116	Can the WIND Definition Classify All Invasively Ventilated Patients?. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 403-403.	2.5	0
117	Airway pressure release ventilation in acute respiratory distress syndrome: children are not miniature adults. Intensive Care Medicine, 2018, 44, 1595-1596.	3.9	0
118	Assessing risk of postoperative acute kidney injury in very elderly surgical patients using estimated glomerular filtration rate: we still need more researches. Renal Failure, 2020, 42, 391-392.	0.8	0
119	Functional mitral regurgitation combined with increased early diastolic transmitral velocity to early mitral annulus diastolic velocity ratio is associated with a poor prognosis in patients with shock. Chinese Medical Journal, 2021, Publish Ahead of Print, 2299-2305.	0.9	0
120	Functional paraganglioma in the right atrium. Anatolian Journal of Cardiology, 2018, 19, E2.	0.5	0
121	Utilizing reclassification toâ€,exploreâ€,characteristics and prognosis of KDIGOSCr AKI subgroups: a retrospective analysis of a multicenter prospective cohort study. Renal Failure, 2021, 43, 1569-1576.	0.8	0
122	Effect of oxygen saturation levels on surgical site infection in patients admitted to surgical intensive care unit after abdominal surgeryï¼sa retrospective cohort study. Asian Journal of Surgery, 2022, , .	0.2	0