

# Yan Kang

## List of Publications by Citations

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**Version:** 2024-04-19

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115  
papers

1,340  
citations

18  
h-index

33  
g-index

152  
ext. papers

2,020  
ext. citations

4.7  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
115	Novel coronavirus infection during the 2019-2020 epidemic: preparing intensive care units-the experience in Sichuan Province, China. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 357-360	14.5	129
114	Epidemiology and outcome of severe sepsis and septic shock in intensive care units in mainland China. <i>PLoS ONE</i> , <b>2014</b> , 9, e107181	3.7	109
113	Early application of airway pressure release ventilation may reduce the duration of mechanical ventilation in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1648-1659	14.5	107
112	Tregs: Where We Are and What Comes Next?. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1578	8.4	101
111	The Epidemiology of Sepsis in Chinese ICUs: A National Cross-Sectional Survey. <i>Critical Care Medicine</i> , <b>2020</b> , 48, e209-e218	1.4	65
110	Terlipressin versus norepinephrine as infusion in patients with septic shock: a multicentre, randomised, double-blinded trial. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1816-1825	14.5	51
109	Neutrophil-to-lymphocyte ratio as a predictive biomarker for moderate-severe ARDS in severe COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 288	10.8	49
108	What Else Can CD39 Tell Us?. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 727	8.4	43
107	The association between frailty and severe disease among COVID-19 patients aged over 60 years in China: a prospective cohort study. <i>BMC Medicine</i> , <b>2020</b> , 18, 274	11.4	43
106	Poor lung ultrasound score in shock patients admitted to the ICU is associated with worse outcome. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 1	3.5	32
105	A precision medicine approach to managing 2019 novel coronavirus pneumonia. <i>Precision Clinical Medicine</i> , <b>2020</b> , 3, 14-21	6.7	29
104	Invasive candidiasis in intensive care units in China: Risk factors and prognoses of <i>Candida albicans</i> and non- <i>albicans</i> <i>Candida</i> infections. <i>American Journal of Infection Control</i> , <b>2016</b> , 44, e59-63	3.8	29
103	Current epidemiology of sepsis in mainland China. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 324	3.2	25
102	End-of-Life Care in ICUs in East Asia: A Comparison Among China, Korea, and Japan. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1114-1124	1.4	23
101	Intermedin protects against sepsis by concurrently re-establishing the endothelial barrier and alleviating inflammatory responses. <i>Nature Communications</i> , <b>2018</b> , 9, 2644	17.4	23
100	miR-1273g-3p participates in acute glucose fluctuation-induced autophagy, dysfunction, and proliferation attenuation in human umbilical vein endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E734-43	6	21
99	Risk factors for fluconazole-resistant invasive candidiasis in intensive care unit patients: An analysis from the China Survey of Candidiasis study. <i>Journal of Critical Care</i> , <b>2015</b> , 30, 862.e1-5	4	19

98	Does training improve diagnostic accuracy and inter-rater agreement in applying the Berlin radiographic definition of acute respiratory distress syndrome? A multicenter prospective study. <i>Critical Care</i> , <b>2017</b> , 21, 12	10.8	18
97	The Prognostic Nutritional Index is associated with mortality of COVID-19 patients in Wuhan, China. <i>Journal of Clinical Laboratory Analysis</i> , <b>2020</b> , 34, e23566	3	18
96	Safety of Moderate Hypothermia for Perinatal Hypoxic-Ischemic Encephalopathy: A Meta-analysis. <i>Pediatric Neurology</i> , <b>2017</b> , 74, 51-61	2.9	15
95	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. <i>Critical Care</i> , <b>2019</b> , 23, 52	10.8	15
94	Pentraxin-3, procalcitonin and lactate as prognostic markers in patients with sepsis and septic shock. <i>Oncotarget</i> , <b>2018</b> , 9, 5125-5136	3.3	15
93	Pulmonary Infection Is an Independent Risk Factor for Long-Term Mortality and Quality of Life for Sepsis Patients. <i>BioMed Research International</i> , <b>2016</b> , 2016, 4213712	3	13
92	Piezo1 induced apoptosis of type II pneumocytes during ARDS. <i>Respiratory Research</i> , <b>2019</b> , 20, 118	7.3	12
91	A novel scoring system for gastric cancer risk assessment based on the expression of three CLIP4 DNA methylation-associated genes. <i>International Journal of Oncology</i> , <b>2018</b> , 53, 633-643	4.4	12
90	Oropharyngeal colostrum therapy reduces the incidence of ventilator-associated pneumonia in very low birth weight infants: a systematic review and meta-analysis. <i>Pediatric Research</i> , <b>2021</b> , 89, 54-62	3.2	12
89	Value of Kidney Disease Improving Global Outcomes Urine Output Criteria in Critically Ill Patients: A Secondary Analysis of a Multicenter Prospective Cohort Study. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 2050-7	2.9	11
88	Risk Factors of Delirium in Sequential Sedation Patients in Intensive Care Units. <i>BioMed Research International</i> , <b>2017</b> , 2017, 3539872	3	11
87	Elevated cardiac biomarkers may be effective prognostic predictors for patients with COVID-19: A multicenter, observational study. <i>American Journal of Emergency Medicine</i> , <b>2020</b> ,	2.9	11
86	The epidemiology and clinical outcomes of ventilator-associated events among 20,769 mechanically ventilated patients at intensive care units: an observational study. <i>Critical Care</i> , <b>2021</b> , 25, 44	10.8	11
85	Practice of diagnosis and management of acute respiratory distress syndrome in mainland China: a cross-sectional study. <i>Journal of Thoracic Disease</i> , <b>2018</b> , 10, 5394-5404	2.6	11
84	Pharmacological Prevention of Postoperative Delirium: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2019</b> , 2019, 9607129	2.3	10
83	The utilization of critical care ultrasound to assess hemodynamics and lung pathology on ICU admission and the potential for predicting outcome. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182881	3.7	10
82	The Current Epidemiological Landscape of Ventilator-associated Pneumonia in the Intensive Care Unit: A Multicenter Prospective Observational Study in China. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, S153-S161	11.6	10
81	Developing a Registry of Healthcare-Associated Infections at Intensive Care Units in West China: Study Rationale and Patient Characteristics. <i>Clinical Epidemiology</i> , <b>2019</b> , 11, 1035-1045	5.9	9

80	Epidemiological Study of Sepsis in China: Protocol of a Cross-sectional Survey. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 2967-2973	2.9	8
79	The predictive value of RDW in AKI and mortality in patients with traumatic brain injury. <i>Journal of Clinical Laboratory Analysis</i> , <b>2020</b> , 34, e23373	3	8
78	Rational Application of $\beta$ -Hydroxybutyrate Attenuates Ischemic Stroke by Suppressing Oxidative Stress and Mitochondrial-Dependent Apoptosis via Activation of the Erk/CREB/eNOS Pathway. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 1219-1227	5.7	8
77	Critical Care for Severe COVID-19: A Population-based Study from a Province with Low Case-fatality Rate in China		7
76	Association between the -159C/T polymorphism in the promoter region of the CD14 gene and sepsis: a meta-analysis. <i>BMC Anesthesiology</i> , <b>2017</b> , 17, 11	2.4	6
75	The Prevalence, Risk Factors, and Outcomes of Sepsis in Critically Ill Patients in China: A Multicenter Prospective Cohort Study. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 593808	4.9	6
74	Bioinformatic Analysis of the Possible Regulative Network of miR-30a/e in Cardiomyocytes 2 Days Post Myocardial Infarction. <i>Acta Cardiologica Sinica</i> , <b>2018</b> , 34, 175-188	1.1	6
73	Systemic inflammatory response syndrome in Sepsis-3: a retrospective study. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 139	4	6
72	A nomogram based on serum cystatin C for predicting acute kidney injury in patients with traumatic brain injury. <i>Renal Failure</i> , <b>2021</b> , 43, 206-215	2.9	6
71	Mismatch between GLUTs and glucose levels causes neuronal damage during glucose fluctuations. <i>Medical Hypotheses</i> , <b>2018</b> , 112, 37-39	3.8	5
70	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. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, S337-S362	11.6	5
69	Serum Procalcitonin Level Predicts Acute Kidney Injury After Traumatic Brain Injury. <i>World Neurosurgery</i> , <b>2020</b> , 141, e112-e117	2.1	5
68	Individualized resuscitation strategy for septic shock formalized by finite mixture modeling and dynamic treatment regimen. <i>Critical Care</i> , <b>2021</b> , 25, 243	10.8	5
67	Comparison of Associations Between Glucocorticoids Treatment and Mortality in COVID-19 Patients and SARS Patients: A Systematic Review and Meta-Analysis. <i>Shock</i> , <b>2021</b> , 56, 215-228	3.4	5
66	Sedation Effects Produced by a Ciprofol Initial Infusion or Bolus Dose Followed by Continuous Maintenance Infusion in Healthy Subjects: A Phase 1 Trial. <i>Advances in Therapy</i> , <b>2021</b> , 38, 5484-5500	4.1	5
65	Controlling nutritional status (CONUT) score is a predictive marker for patients with traumatic brain injury. <i>Clinical Neurology and Neurosurgery</i> , <b>2020</b> , 195, 105909	2	4
64	Characteristics of Subjects Who Failed a 120-Minute Spontaneous Breathing Trial. <i>Respiratory Care</i> , <b>2018</b> , 63, 388-394	2.1	4
63	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. <i>BMJ Open</i> , <b>2017</b> , 7, e016564	3	4

62	A Skin-Like and Highly Stretchable Optical Fiber Sensor with the Hybrid Coding of Wavelength and Light Intensity. <i>Advanced Intelligent Systems</i> , 2020, 1-8	6	4
61	CRP Albumin ratio is positively associated with poor outcome in patients with traumatic brain injury. <i>Clinical Neurology and Neurosurgery</i> , 2020, 195, 106051	2	4
60	Clinical outcomes and risk factors for mortality from ventilator-associated events: A registry-based cohort study among 30,830 intensive care unit patients. <i>Infection Control and Hospital Epidemiology</i> , 2021, 1-8	2	4
59	A risk score based on procalcitonin for predicting acute kidney injury in COVID-19 patients. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23805	3	4
58	The role of SARC-F scale in predicting progression risk of COVID-19 in elderly patients: a prospective cohort study in Wuhan. <i>BMC Geriatrics</i> , 2021, 21, 355	4.1	4
57	Radiation Exposure to Staff in Intensive Care Unit with Portable CT Scanner. <i>BioMed Research International</i> , 2016, 2016, 5656480	3	4
56	Effects of Safflower Yellow on the Treatment of Severe Sepsis and Septic Shock: A Randomized Controlled Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 3948795	2.3	4
55	A shift toward inhibitory receptors and impaired effector functions on NK cells contribute to immunosuppression during sepsis. <i>Journal of Leukocyte Biology</i> , 2020, 107, 57-67	6.5	4
54	Early application of airway pressure release ventilation in acute respiratory distress syndrome: a therapy for all?. <i>Intensive Care Medicine</i> , 2018, 44, 135-136	14.5	4
53	Cognitive impairments induced by severe acute pancreatitis are attenuated by berberine treatment in rats. <i>Molecular Medicine Reports</i> , 2018, 18, 3437-3444	2.9	4
52	Elevated triglycerides level in hospital stay as a risk factor of mortality in patients with severe acute pancreatitis. <i>PLoS ONE</i> , 2018, 13, e0207875	3.7	4
51	Predictive role of estimated glomerular filtration rate prior to surgery in postsurgical acute kidney injury among very elderly patients: a retrospective cohort study. <i>Renal Failure</i> , 2019, 41, 866-874	2.9	3
50	The Effects of Safflower Yellow on Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Randomized, Controlled Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 5952742	2.3	3
49	A Rare Case of Fatal Pulmonary Embolism in a Pediatric Spine Surgery. <i>World Neurosurgery</i> , 2020, 137, 183-186	2.1	3
48	The Global and Regional Lung Ultrasound Score Can Accurately Evaluate the Severity of Lung Disease in Critically Ill Patients. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 1879-1880	2.9	3
47	Association between glucocorticoids treatment and viral clearance delay in patients with COVID-19: a systematic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2021, 21, 1063	4	3
46	Lung-protective Ventilation in Patients with Brain Injury: A Multicenter Cross-sectional Study and Questionnaire Survey in China. <i>Chinese Medical Journal</i> , 2016, 129, 1643-51	2.9	3
45	Comparison of diagnostic accuracy among procalcitonin, C-reactive protein, and interleukin 6 for blood culture positivity in general ICU patients. <i>Critical Care</i> , 2018, 22, 339	10.8	3

44	Risk assessment model constructed by differentially expressed lncRNAs for the prognosis of glioma. <i>Oncology Reports</i> , <b>2018</b> , 40, 2467-2476	3.5	3
43	Fluid Balance and Ventilator-Associated Events Among Patients Admitted to ICUs in China: A Nested Case-Control Study. <i>Critical Care Medicine</i> , <b>2021</b> ,	1.4	3
42	Compare the effect of noninvasive ventilation and tracheotomy in critically ill mechanically ventilated neurosurgical patients: a retrospective observe cohort study. <i>BMC Neurology</i> , <b>2019</b> , 19, 79	3.1	2
41	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. <i>BMC Gastroenterology</i> , <b>2020</b> , 20, 164	3	2
40	Is ultrasound assessment of the inferior vena cava for fluid responsiveness unlikely to be helpful, or is it just too early to say?. <i>Canadian Journal of Anaesthesia</i> , <b>2020</b> , 67, 783-784	3	2
39	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. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4687346	3	2
38	Combined assessment of BCT and CRP could increase the ability to differentiate candidemia from bacteremia. <i>Critical Care</i> , <b>2019</b> , 23, 271	10.8	2
37	Critical care for severe coronavirus disease 2019: a population-based study from a province with low case-fatality rate in China. <i>Chinese Medical Journal</i> , <b>2020</b> , 134, 98-100	2.9	2
36	The Effect of Antibiotic-Cycling Strategy on Antibiotic-Resistant Bacterial Infections or Colonization in Intensive Care Units: A Systematic Review and Meta-Analysis. <i>Worldviews on Evidence-Based Nursing</i> , <b>2020</b> , 17, 319-328	2.9	2
35	Risk factor for intestinal carriage of carbapenem-resistant and the impact on subsequent infection among patients in an intensive care unit: an observational study. <i>BMJ Open</i> , <b>2020</b> , 10, e035893	3	2
34	Association between blood transfusion and ventilator-associated events: a nested case-control study. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 1-6	2	2
33	Role of using two-route ulinastatin injection to alleviate intestinal injury in septic rats. <i>Chinese Journal of Traumatology - English Edition</i> , <b>2018</b> , 21, 323-328	2.3	2
32	Artesunate relieves acute kidney injury through inhibiting macrophagic Mincle-mediated necroptosis and inflammation to tubular epithelial cell. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 8775-8788	5.6	2
31	Prophylactic noninvasive positive pressure ventilation in the weaning of difficult-weaning tracheotomy patients. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 300	3.2	1
30	IL-1RA +2018 polymorphism and the susceptibility to pneumoconiosis: a Meta-analysis. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2014</b> , 7, 2204-8		1
29	COVID-19 versus non-COVID-19 pneumonia: A retrospective cohort study in Chengdu, China		1
28	Hemodynamics in Shock Patients Assessed by Critical Care Ultrasound and Its Relationship to Outcome: A Prospective Study. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5175393	3	1
27	The Predictive Value of Serum Uric Acid on Acute Kidney Injury following Traumatic Brain Injury. <i>BioMed Research International</i> , <b>2020</b> , 2020, 2874369	3	1



26	Hypophosphatemia at Admission is Associated with Increased Mortality in COVID-19 Patients. <i>International Journal of General Medicine</i> , <b>2021</b> , 14, 5313-5322	2.3	1
25	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.. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2022</b> , AAC0204521	5.9	1
24	Airway Pressure Release Ventilation: Is It Really Different in Adults and Children?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 788-789	10.2	0
23	Machine learning model for predicting acute kidney injury progression in critically ill patients.. <i>BMC Medical Informatics and Decision Making</i> , <b>2022</b> , 22, 17	3.6	0
22	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.. <i>Nutrition</i> , <b>2022</b> , 96, 111586	4.8	0
21	Severe Patients With ARDS With COVID-19 Treated With Extracorporeal Membrane Oxygenation in China: A Retrospective Study. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 699227	4.9	0
20	Severe Adaptive Immune Suppression May Be Why Patients With Severe COVID-19 Cannot Be Discharged From the ICU Even After Negative Viral Tests. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 755579	8.4	0
19	Retrospective Study of Critically Ill COVID-19 Patients With and Without Extracorporeal Membrane Oxygenation Support in Wuhan, China. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 659793	4.9	0
18	Shock in China 2018 (SIC-study): a cross-sectional survey. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1219	3.2	0
17	COVID-19 mortality in ICUs associated with critical care staffing. <i>Burns and Trauma</i> , <b>2021</b> , 9, tkab006	5.3	0
16	Whole Genome Profiling of Lung Microbiome in Solid Organ Transplant Recipients Reveals Virus Involved Microecology May Worsen Prognosis.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 863399	5.9	0
15	A genetic variant in IL-6 lowering its expression is protective for critical patients with COVID-19.. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7, 112	21	0
14	Clinical features of 375 COVID-19 cases imported from Russia through the Suifenhe port and countermeasures.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261437	3.7	0
13	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.. <i>Critical Care</i> , <b>2022</b> , 26, 122	10.8	0
12	Discussion on "Opening pressures and atelectrauma in acute respiratory distress syndrome". <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1936-1937	14.5	
11	Airway pressure release ventilation in acute respiratory distress syndrome: children are not miniature adults. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1595-1596	14.5	
10	Better methodology and research index are needed. <i>Journal of Critical Care</i> , <b>2017</b> , 41, 335-336	4	
9	Utilizing reclassification to explore characteristics and prognosis of KDIGO AKI subgroups: a retrospective analysis of a multicenter prospective cohort study. <i>Renal Failure</i> , <b>2021</b> , 43, 1569-1576	2.9	

8	Preliminary Exploration of Epidemiologic and Hemodynamic Characteristics of Restrictive Filling Diastolic Dysfunction Based on Echocardiography in Critically Ill Patients: A Retrospective Study. <i>BioMed Research International</i> , <b>2018</b> , 2018, 5429868	3
7	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". <i>Circulation</i> , <b>2016</b> , 133, e412	16.7
6	Assessing risk of postoperative acute kidney injury in very elderly surgical patients using estimated glomerular filtration rate: we still need more researches. <i>Renal Failure</i> , <b>2020</b> , 42, 391-392	2.9
5	Can the WIND Definition Classify All Invasively Ventilated Patients?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 403	10.2
4	The neutrophil to lymphocyte ratio is an independent predictor for severe COVID-19 : Evidence from a multicenter case-control study and meta-analyses. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 882-891	2.3
3	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. <i>Chinese Medical Journal</i> , <b>2021</b> , 134, 2299-2305	2.9
2	Associations of Fentanyl, Sufentanil, and Remifentanil With Length of Stay and Mortality Among Mechanically Ventilated Patients: A Registry-Based Cohort Study.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 858531	5.6
1	Effect of oxygen saturation levels on surgical site infection in patients admitted to surgical intensive care unit after abdominal surgery:a retrospective cohort study.. <i>Asian Journal of Surgery</i> , <b>2022</b> ,	1.6