Taka-Aki Nakada

List of Publications by Year
in descending order

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Version: 2024-02-01

99	3,257	236833	168321
papers	citations	25 h-index	53 g-index

103	103	103	3960
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Continuous Hemodiafiltration with PMMA Hemofilter in the Treatment of Patients with Septic Shock. Molecular Medicine, 2008, 14, 257-263.	1.9	611
2	PCSK9 is a critical regulator of the innate immune response and septic shock outcome. Science Translational Medicine, 2014, 6, 258ra143.	5.8	287
3	Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike. Cell, 2022, 185, 2103-2115.e19.	13.5	273
4	Neutralization of the SARS-CoV-2 Mu Variant by Convalescent and Vaccine Serum. New England Journal of Medicine, 2021, 385, 2397-2399.	13.9	178
5	Normal-Range Blood Lactate Concentration in Septic Shock Is Prognostic and Predictive. Shock, 2012, 38, 4-10.	1.0	144
6	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	92
7	Characteristics, management, and in-hospital mortality among patients with severe sepsis in intensive care units in Japan: the FORECAST study. Critical Care, 2018, 22, 322.	2.5	89
8	Influence of Toll-Like Receptor 4, CD14, Tumor Necrosis Factor, and Interleukine-10 Gene Polymorphisms on Clinical Outcome in Japanese Critically Ill Patients. Journal of Surgical Research, 2005, 129, 322-328.	0.8	76
9	Î²₂-Adrenergic Receptor Gene Polymorphism Is Associated with Mortality in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 143-149.	2.5	74
10	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). Journal of Intensive Care, 2018, 6, 7.	1.3	74
11	Leucyl/Cystinyl Aminopeptidase Gene Variants in Septic Shock. Chest, 2011, 139, 1042-1049.	0.4	63
12	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (Jâ€<scp>SSCG</scp> 2016). Acute Medicine & Surgery, 2018, 5, 3-89.	0.5	61
13	Treatment of Severe Sepsis and Septic Shock by CHDF Using a PMMA Membrane Hemofilter as a Cytokine Modulator. Contributions To Nephrology, 2010, 166, 73-82.	1.1	56
14	Interleukin-6 Levels Act as a Diagnostic Marker for Infection and a Prognostic Marker in Patients with Organ Dysfunction in Intensive Care Units. Shock, 2016, 46, 254-260.	1.0	56
15	Association of angiotensin II type 1 receptor-associated protein gene polymorphism with increased mortality in septic shock*. Critical Care Medicine, 2011, 39, 1641-1648.	0.4	45
16	Nighttime is associated with decreased survival and resuscitation efforts for out-of-hospital cardiac arrests: a prospective observational study. Critical Care, 2016, 20, 141.	2.5	41
17	Impact of Body Temperature Abnormalities on the Implementation of Sepsis Bundles and Outcomes in Patients With Severe Sepsis: A Retrospective Sub-Analysis of the Focused Outcome Research on Emergency Care for Acute Respiratory Distress Syndrome, Sepsis and Trauma Study. Critical Care Medicine, 2019, 47, 691-699.	0.4	40
18	IL17A genetic variation is associated with altered susceptibility to Gram-positive infection and mortality of severe sepsis. Critical Care, 2011, 15, R254.	2.5	38

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19	Usefulness of interleukin 6 levels in the cerebrospinal fluid for the diagnosis of bacterial meningitis. Journal of Critical Care, 2014, 29, 693.e1-693.e6.	1.0	38
20	Suspected cholestatic liver injury induced by favipiravir in a patient with COVID-19. Journal of Infection and Chemotherapy, 2021, 27, 390-392.	0.8	38
21	Significance of body temperature in elderly patients with sepsis. Critical Care, 2020, 24, 387.	2.5	37
22	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (Jâ€SSCG 2020). Acute Medicine & Surgery, 2021, 8, e659.	0.5	37
23	Outcome prediction in sepsis combined use of genetic polymorphisms â€“ A study in Japanese population. Cytokine, 2011, 54, 79-84.	1.4	32
24	Identification of a Nonsynonymous Polymorphism in the SVEP1 Gene Associated With Altered Clinical Outcomes in Septic Shock*. Critical Care Medicine, 2015, 43, 101-108.	0.4	29
25	Trends in the incidence and outcome of sepsis using data from a Japanese nationwide medical claims database-the Japan Sepsis Alliance (JaSA) study group-. Critical Care, 2021, 25, 338.	2.5	29
26	Blood purification for hypercytokinemia. Transfusion and Apheresis Science, 2006, 35, 253-264.	0.5	28
27	Interleukin-6 as a diagnostic marker for infection in critically ill patients: A systematic review and meta-analysis. American Journal of Emergency Medicine, 2019, 37, 260-265.	0.7	28
28	Serum Procalcitonin Level and SOFA Score at Discharge from the Intensive Care Unit Predict Post-Intensive Care Unit Mortality: A Prospective Study. PLoS ONE, 2014, 9, e114007.	1.1	23
29	Optimal pressing strength and time for capillary refilling time. Critical Care, 2019, 23, 4.	2.5	23
30	Tau protein as a diagnostic marker for diffuse axonal injury. PLoS ONE, 2019, 14, e0214381.	1.1	23
31	Association Between Male Sex and Increased Mortality After Falls. Academic Emergency Medicine, 2015, 22, 708-713.	0.8	22
32	Subsequent shock deliveries are associated with increased favorable neurological outcomes in cardiac arrest patients who had initially non-shockable rhythms. Critical Care, 2015, 19, 322.	2.5	22
33	Characterization of the Immune Resistance of Severe Acute Respiratory Syndrome Coronavirus 2 Mu Variant and the Robust Immunity Induced by Mu Infection. Journal of Infectious Diseases, 2022, 226, 1200-1203.	1.9	22
34	Characteristics and outcomes of bacteremia among ICU-admitted patients with severe sepsis. Scientific Reports, 2020, 10, 2983.	1.6	21
35	Association between serum levels of interleukin-6 on ICU admission and subsequent outcomes in critically ill patients with acute kidney injury. BMC Nephrology, 2019, 20, 74.	0.8	20
36	Current spectrum of causative pathogens in sepsis: A prospective nationwide cohort study in Japan. International Journal of Infectious Diseases, 2021, 103, 343-351.	1.5	20

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37	Clinical course of a critically ill patient with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Journal of Artificial Organs, 2020, 23, 397-400.	0.4	19
38	A safe procedure for connecting a continuous renal replacement therapy device into an extracorporeal membrane oxygenation circuit. Journal of Artificial Organs, 2017, 20, 125-131.	0.4	18
39	Genetic Polymorphisms in Sepsis and Cardiovascular Disease. Chest, 2019, 155, 1260-1271.	0.4	18
40	Serum levels of interleukinâ€6 may predict organ dysfunction earlier than <scp>SOFA</scp> score. Acute Medicine & Surgery, 2017, 4, 255-261.	0.5	17
41	Proteome analysis of hemofilter adsorbates to identify novel substances of sepsis: a pilot study. Journal of Artificial Organs, 2017, 20, 132-137.	0.4	17
42	Prehospital lactate improves prediction of the need for immediate interventions for hemorrhage after trauma. Scientific Reports, 2019, 9, 13755.	1.6	15
43	Treatment of Septic Shock with Continuous HDF Using 2 PMMA Hemofilters for Enhanced Intensity. International Journal of Artificial Organs, 2012, 35, 3-14.	0.7	14
44	Veno-arterial extracorporeal membrane oxygenation for Streptococcus pyogenes toxic shock syndrome in pregnancy. Journal of Artificial Organs, 2016, 19, 200-203.	0.4	14
45	Shortening of low-flow duration over time was associated with improved outcomes of extracorporeal cardiopulmonary resuscitation in in-hospital cardiac arrest. Journal of Intensive Care, 2020, 8, 39.	1.3	14
46	A prehospital diagnostic algorithm for strokes using machine learning: a prospective observational study. Scientific Reports, 2021, 11, 20519.	1.6	14
47	Development of a prehospital vital signs chart sharing system. American Journal of Emergency Medicine, 2016, 34, 88-92.	0.7	13
48	Impact of increased calls to rapid response systems on unplanned ICU admission. American Journal of Emergency Medicine, 2020, 38, 1327-1331.	0.7	13
49	First report based on the online registry of a Japanese multicenter rapid response system: a descriptive study of 35 institutions in Japan. Acute Medicine & Surgery, 2020, 7, e454.	0.5	13
50	Very Low Density Lipoprotein Receptor Sequesters Lipopolysaccharide Into Adipose Tissue During Sepsis. Critical Care Medicine, 2020, 48, 41-48.	0.4	13
51	Association between low body mass index and increased 28-day mortality of severe sepsis in Japanese cohorts. Scientific Reports, 2021, 11, 1615.	1.6	13
52	Case Report: Urgent endovascular treatment of subclavian artery injury after blunt trauma. F1000Research, 2014, 3, 310.	0.8	11
53	Reduction of unexpected serious adverse events after introducing medical emergency team. Acute Medicine & Surgery, 2015, 2, 244-249.	0.5	11
54	Feedback function for capillary refilling time measurement device. Critical Care, 2019, 23, 295.	2.5	10

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55	<i>VPS13D</i> Gene Variant Is Associated with Altered IL-6 Production and Mortality in Septic Shock. Journal of Innate Immunity, 2015, 7, 545-553.	1.8	9
56	Nighttime and non-business days are not associated with increased risk of in-hospital mortality in patients with severe sepsis in intensive care units in Japan: The JAAM FORECAST study. Journal of Critical Care, 2019, 52, 97-102.	1.0	9
57	Population Pharmacokinetic Analysis of Meropenem in Critically Ill Patients With Acute Kidney Injury Treated With Continuous Hemodiafiltration. Therapeutic Drug Monitoring, 2020, 42, 588-594.	1.0	9
58	Significance of lactate clearance in septic shock patients with high bilirubin levels. Scientific Reports, 2021, 11, 6313.	1.6	9
59	Median arcuate ligament syndrome presenting as hemorrhagic shock. American Journal of Emergency Medicine, 2013, 31, 1152.e1-1152.e4.	0.7	8
60	The IL20 Genetic Polymorphism Is Associated with Altered Clinical Outcome in Septic Shock. Journal of Innate Immunity, 2018, 10, 181-188.	1.8	8
61	Temporal trends of medical cost and cost-effectiveness in sepsis patients: a Japanese nationwide medical claims database. Journal of Intensive Care, 2022, 10, .	1.3	8
62	Timing and Location of Medical Emergency Team Activation Is Associated with Seriousness of Outcome: An Observational Study in a Tertiary Care Hospital. PLoS ONE, 2016, 11, e0168729.	1.1	7
63	Catheter-Related Infections in Continuous Hemodiafiltration in Intensive Care Patients. Blood Purification, 2004, 22, 416-422.	0.9	6
64	Serum levels of tau protein increase according to the severity of the injury in DAI rat model. F1000Research, 2020, 9, 29.	0.8	6
65	Development of a novel information and communication technology system to compensate for a sudden shortage of emergency department physicians. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2017, 25, 6.	1.1	5
66	Novel information and communication technology system to improve surge capacity and information management in the initial hospital response to major incidents. American Journal of Emergency Medicine, 2019, 37, 351-355.	0.7	5
67	Prognostic Accuracy of Quick SOFA is different according to the severity of illness in infectious patients. Journal of Infection and Chemotherapy, 2019, 25, 943-949.	0.8	5
68	Impact of posture on capillary refilling time. American Journal of Emergency Medicine, 2022, 56, 378-379.	0.7	5
69	Clinical application of cytokine-related gene polymorphism analysis using a newly developed DNA chip in critically ill patients. Clinical Biochemistry, 2009, 42, 1387-1393.	0.8	4
70	Fibromuscular dysplasia presenting as hemorrhagic shock due to spontaneous rupture of a right gastroepiploic artery aneurysm. American Journal of Emergency Medicine, 2016, 34, 677.e3-677.e5.	0.7	4
71	Non-invasive monitoring using photoplethysmography technology. Journal of Clinical Monitoring and Computing, 2019, 33, 637-645.	0.7	4
72	Prognostic value of lymphocyte counts in bronchoalveolar lavage fluid in patients with acute respiratory failure: a retrospective cohort study. Journal of Intensive Care, 2021, 9, 21.	1.3	4

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73	Relationship between the 4<scp>T</scp>s scoring system and the antiplatelet factor 4/heparin antibodies test in critically ill patients. Acute Medicine & Surgery, 2014, 1, 37-44.	0.5	3
74	Changes in acute blood purification therapy in critical care: republication of the article published in the Japanese Journal of Artificial Organs. Journal of Artificial Organs, 2020, 23, 14-18.	0.4	3
75	Clinical characteristics of patients with severe sepsis and septic shock in relation to bacterial virulence of betaâ€hemolytic Streptococcus and Streptococcus pneumoniae. Acute Medicine & Surgery, 2020, 7, e513.	0.5	3
76	Private residence as a location of cardiac arrest may have a deleterious effect on the outcomes of out-of-hospital cardiac arrest in patients with an initial non-shockable cardiac rhythm: A multicentre retrospective cohort study. Resuscitation, 2020, 150, 80-89.	1.3	3
77	Portable measurement device to quantitatively measure capillary refilling time. Artificial Life and Robotics, 2022, 27, 48-57.	0.7	3
78	Cardiac arrest due to airway obstruction in hereditary angioedema. American Journal of Emergency Medicine, 2015, 33, 1840.e1-1840.e2.	0.7	2
79	Efficient CO2 removal using extracorporeal lung and renal assist device. Journal of Artificial Organs, 2018, 21, 427-434.	0.4	2
80	Adverse effect investigation using application software after vaccination against SARS-CoV-2 for healthcare workers. Journal of Infection and Chemotherapy, 2022, , .	0.8	2
81	Extremely severe anaemia in a critically ill patient who declined a blood transfusion. Transfusion Medicine, 2015, 25, 195-197.	0.5	1
82	Veno-venous extracorporeal membrane oxygenation (ECMO) for acute respiratory failure caused by liver abscess. Journal of Artificial Organs, 2015, 18, 173-176.	0.4	1
83	Estimation of Blood Oxygen Saturation in the Circulation Circuit for Extracorporeal Membrane Oxygenation. IEEE Access, 2019, 7, 155057-155063.	2.6	1
84	Delayed aortic regurgitation due to traumatic pseudoaneurysm of the sinus of Valsalva. Acute Medicine & Surgery, 2019, 6, 185-187.	0.5	1
85	A CO2 removal system using extracorporeal lung and renal assist device with an acid and alkaline infusion. Journal of Artificial Organs, 2020, 23, 54-61.	0.4	1
86	Interhospital transportation of a COVID-19 patient undergoing veno-venous extracorporeal membrane oxygenation by helicopter. American Journal of Emergency Medicine, 2021, 43, 290.e5-290.e7.	0.7	1
87	Prevalence and predictors of direct discharge home following hospitalization of patients with serious adverse events managed by the rapid response system in Japan: a multicenter, retrospective, observational study. Acute Medicine & Surgery, 2021, 8, e690.	0.5	1
88	Validation of National Early Warning Score for predicting 30â€day mortality after rapid response system activation in Japan. Acute Medicine & Surgery, 2021, 8, e666.	0.5	1
89	Speech recognition shortens the recording time of prehospital medical documentation. American Journal of Emergency Medicine, 2021, 49, 414-416.	0.7	1
90	Superiority of Supervised Machine Learning on Reading Chest X-Rays in Intensive Care Units. Frontiers in Medicine, 2021, 8, 676277.	1.2	1

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91	Case Report: Sustained mitochondrial damage in cardiomyocytes in patients with severe propofol infusion syndrome. F1000Research, 0, 9, 712.	0.8	1
92	Heart Rate and Mortality After Resuscitation in Patients With Out-of-Hospital Cardiac Arrestã€€â€• Insights From the SOS-KANTO Registry â€•. Circulation Journal, 2022, , .	0.7	1
93	Trends in sepsis care in Japan: comparison of two sepsis cohort studies conducted by the Japanese Association for Acute Medicine. Acute Medicine & Surgery, 2019, 6, 425-427.	0.5	0
94	Response to commentary. Journal of Intensive Care, 2021, 9, 56.	1.3	0
95	Early Elevation of Cell-free DNA After Acute Mesenteric Ischemia in Rats. Journal of Surgical Research, 2022, 269, 28-35.	0.8	0
96	Case Report: Cardiac arrest due to traumatic coronary artery dissection treated by extracorporeal membrane resuscitation. F1000Research, 0, 8, 1720.	0.8	0
97	Case Report: Sustained mitochondrial damage in cardiomyocytes in patients with severe propofol infusion syndrome. F1000Research, 2020, 9, 712.	0.8	0
98	Intravascular fluid also affects results: No prolongation of capillary refill time by removal of excessive fluids by hemodialysis. American Journal of Emergency Medicine, 2022, , .	0.7	0
99	Sheath introducer accidentally placed in the artificial graft while introducing extracorporeal membrane oxygenation. Acute Medicine & Surgery, 2022, 9, .	0.5	0