

Taka-Aki Nakada

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,257
citations

236833

25
h-index

168321

53
g-index

103
all docs

103
docs citations

103
times ranked

3960
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Elevation of Cell-free DNA After Acute Mesenteric Ischemia in Rats. <i>Journal of Surgical Research</i> , 2022, 269, 28-35.	0.8	0
2	Impact of posture on capillary refilling time. <i>American Journal of Emergency Medicine</i> , 2022, 56, 378-379.	0.7	5
3	Portable measurement device to quantitatively measure capillary refilling time. <i>Artificial Life and Robotics</i> , 2022, 27, 48-57.	0.7	3
4	Characterization of the Immune Resistance of Severe Acute Respiratory Syndrome Coronavirus 2 Mu Variant and the Robust Immunity Induced by Mu Infection. <i>Journal of Infectious Diseases</i> , 2022, 226, 1200-1203.	1.9	22
5	Adverse effect investigation using application software after vaccination against SARS-CoV-2 for healthcare workers. <i>Journal of Infection and Chemotherapy</i> , 2022, , .	0.8	2
6	Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike. <i>Cell</i> , 2022, 185, 2103-2115.e19.	13.5	273
7	Heart Rate and Mortality After Resuscitation in Patients With Out-of-Hospital Cardiac Arrest—Insights From the SOS-KANTO Registry. <i>Circulation Journal</i> , 2022, , .	0.7	1
8	Intravascular fluid also affects results: No prolongation of capillary refill time by removal of excessive fluids by hemodialysis. <i>American Journal of Emergency Medicine</i> , 2022, , .	0.7	0
9	Sheath introducer accidentally placed in the artificial graft while introducing extracorporeal membrane oxygenation. <i>Acute Medicine & Surgery</i> , 2022, 9, .	0.5	0
10	Temporal trends of medical cost and cost-effectiveness in sepsis patients: a Japanese nationwide medical claims database. <i>Journal of Intensive Care</i> , 2022, 10, .	1.3	8
11	Interhospital transportation of a COVID-19 patient undergoing veno-venous extracorporeal membrane oxygenation by helicopter. <i>American Journal of Emergency Medicine</i> , 2021, 43, 290.e5-290.e7.	0.7	1
12	Current spectrum of causative pathogens in sepsis: A prospective nationwide cohort study in Japan. <i>International Journal of Infectious Diseases</i> , 2021, 103, 343-351.	1.5	20
13	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (JSCG 2020). <i>Acute Medicine & Surgery</i> , 2021, 8, e659.	0.5	37
14	Association between low body mass index and increased 28-day mortality of severe sepsis in Japanese cohorts. <i>Scientific Reports</i> , 2021, 11, 1615.	1.6	13
15	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. <i>Acute Medicine & Surgery</i> , 2021, 8, e690.	0.5	1
16	Validation of National Early Warning Score for predicting 30-day mortality after rapid response system activation in Japan. <i>Acute Medicine & Surgery</i> , 2021, 8, e666.	0.5	1
17	Prognostic value of lymphocyte counts in bronchoalveolar lavage fluid in patients with acute respiratory failure: a retrospective cohort study. <i>Journal of Intensive Care</i> , 2021, 9, 21.	1.3	4
18	Suspected cholestatic liver injury induced by favipiravir in a patient with COVID-19. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 390-392.	0.8	38

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19	Speech recognition shortens the recording time of prehospital medical documentation. American Journal of Emergency Medicine, 2021, 49, 414-416.	0.7	1
20	Significance of lactate clearance in septic shock patients with high bilirubin levels. Scientific Reports, 2021, 11, 6313.	1.6	9
21	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq1 1 0.784314 rgBT /Over 1.3 92	1.3	0
22	Response to commentary. Journal of Intensive Care, 2021, 9, 56.	1.3	0
23	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
24	A prehospital diagnostic algorithm for strokes using machine learning: a prospective observational study. Scientific Reports, 2021, 11, 20519.	1.6	14
25	Superiority of Supervised Machine Learning on Reading Chest X-Rays in Intensive Care Units. Frontiers in Medicine, 2021, 8, 676277.	1.2	1
26	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
27	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
28	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
29	Impact of increased calls to rapid response systems on unplanned ICU admission. American Journal of Emergency Medicine, 2020, 38, 1327-1331.	0.7	13
30	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
31	Very Low Density Lipoprotein Receptor Sequesters Lipopolysaccharide Into Adipose Tissue During Sepsis. Critical Care Medicine, 2020, 48, 41-48.	0.4	13
32	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
33	Clinical characteristics of patients with severe sepsis and septic shock in relation to bacterial virulence of beta-hemolytic Streptococcus and Streptococcus pneumoniae. Acute Medicine & Surgery, 2020, 7, e513.	0.5	3
34	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
35	Significance of body temperature in elderly patients with sepsis. Critical Care, 2020, 24, 387.	2.5	37
36	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

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37	Characteristics and outcomes of bacteremia among ICU-admitted patients with severe sepsis. <i>Scientific Reports</i> , 2020, 10, 2983.	1.6	21
38	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. <i>Resuscitation</i> , 2020, 150, 80-89.	1.3	3
39	Serum levels of tau protein increase according to the severity of the injury in DAI rat model. <i>F1000Research</i> , 2020, 9, 29.	0.8	6
40	Case Report: Sustained mitochondrial damage in cardiomyocytes in patients with severe propofol infusion syndrome. <i>F1000Research</i> , 2020, 9, 712.	0.8	0
41	Interleukin-6 as a diagnostic marker for infection in critically ill patients: A systematic review and meta-analysis. <i>American Journal of Emergency Medicine</i> , 2019, 37, 260-265.	0.7	28
42	Novel information and communication technology system to improve surge capacity and information management in the initial hospital response to major incidents. <i>American Journal of Emergency Medicine</i> , 2019, 37, 351-355.	0.7	5
43	Trends in sepsis care in Japan: comparison of two sepsis cohort studies conducted by the Japanese Association for Acute Medicine. <i>Acute Medicine & Surgery</i> , 2019, 6, 425-427.	0.5	0
44	Estimation of Blood Oxygen Saturation in the Circulation Circuit for Extracorporeal Membrane Oxygenation. <i>IEEE Access</i> , 2019, 7, 155057-155063.	2.6	1
45	Feedback function for capillary refilling time measurement device. <i>Critical Care</i> , 2019, 23, 295.	2.5	10
46	Prehospital lactate improves prediction of the need for immediate interventions for hemorrhage after trauma. <i>Scientific Reports</i> , 2019, 9, 13755.	1.6	15
47	Optimal pressing strength and time for capillary refilling time. <i>Critical Care</i> , 2019, 23, 4.	2.5	23
48	Prognostic Accuracy of Quick SOFA is different according to the severity of illness in infectious patients. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 943-949.	0.8	5
49	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. <i>Journal of Critical Care</i> , 2019, 52, 97-102.	1.0	9
50	Tau protein as a diagnostic marker for diffuse axonal injury. <i>PLoS ONE</i> , 2019, 14, e0214381.	1.1	23
51	Association between serum levels of interleukin-6 on ICU admission and subsequent outcomes in critically ill patients with acute kidney injury. <i>BMC Nephrology</i> , 2019, 20, 74.	0.8	20
52	Delayed aortic regurgitation due to traumatic pseudoaneurysm of the sinus of Valsalva. <i>Acute Medicine & Surgery</i> , 2019, 6, 185-187.	0.5	1
53	Genetic Polymorphisms in Sepsis and Cardiovascular Disease. <i>Chest</i> , 2019, 155, 1260-1271.	0.4	18
54	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. <i>Critical Care Medicine</i> , 2019, 47, 691-699.	0.4	40

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55	Non-invasive monitoring using photoplethysmography technology. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 637-645.	0.7	4
56	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). <i>Acute Medicine & Surgery</i> , 2018, 5, 3-89.	0.5	61
57	The IL20 Genetic Polymorphism Is Associated with Altered Clinical Outcome in Septic Shock. <i>Journal of Innate Immunity</i> , 2018, 10, 181-188.	1.8	8
58	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). <i>Journal of Intensive Care</i> , 2018, 6, 7.	1.3	74
59	Characteristics, management, and in-hospital mortality among patients with severe sepsis in intensive care units in Japan: the FORECAST study. <i>Critical Care</i> , 2018, 22, 322.	2.5	89
60	Efficient CO2 removal using extracorporeal lung and renal assist device. <i>Journal of Artificial Organs</i> , 2018, 21, 427-434.	0.4	2
61	A safe procedure for connecting a continuous renal replacement therapy device into an extracorporeal membrane oxygenation circuit. <i>Journal of Artificial Organs</i> , 2017, 20, 125-131.	0.4	18
62	Serum levels of interleukin-6 may predict organ dysfunction earlier than SOFA score. <i>Acute Medicine & Surgery</i> , 2017, 4, 255-261.	0.5	17
63	Development of a novel information and communication technology system to compensate for a sudden shortage of emergency department physicians. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 6.	1.1	5
64	Proteome analysis of hemofilter adsorbates to identify novel substances of sepsis: a pilot study. <i>Journal of Artificial Organs</i> , 2017, 20, 132-137.	0.4	17
65	Interleukin-6 Levels Act as a Diagnostic Marker for Infection and a Prognostic Marker in Patients with Organ Dysfunction in Intensive Care Units. <i>Shock</i> , 2016, 46, 254-260.	1.0	56
66	Nighttime is associated with decreased survival and resuscitation efforts for out-of-hospital cardiac arrests: a prospective observational study. <i>Critical Care</i> , 2016, 20, 141.	2.5	41
67	Fibromuscular dysplasia presenting as hemorrhagic shock due to spontaneous rupture of a right gastroepiploic artery aneurysm. <i>American Journal of Emergency Medicine</i> , 2016, 34, 677.e3-677.e5.	0.7	4
68	Veno-arterial extracorporeal membrane oxygenation for <i>Streptococcus pyogenes</i> toxic shock syndrome in pregnancy. <i>Journal of Artificial Organs</i> , 2016, 19, 200-203.	0.4	14
69	Development of a prehospital vital signs chart sharing system. <i>American Journal of Emergency Medicine</i> , 2016, 34, 88-92.	0.7	13
70	Timing and Location of Medical Emergency Team Activation Is Associated with Seriousness of Outcome: An Observational Study in a Tertiary Care Hospital. <i>PLoS ONE</i> , 2016, 11, e0168729.	1.1	7
71	Reduction of unexpected serious adverse events after introducing medical emergency team. <i>Acute Medicine & Surgery</i> , 2015, 2, 244-249.	0.5	11
72	Association Between Male Sex and Increased Mortality After Falls. <i>Academic Emergency Medicine</i> , 2015, 22, 708-713.	0.8	22

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73	Subsequent shock deliveries are associated with increased favorable neurological outcomes in cardiac arrest patients who had initially non-shockable rhythms. <i>Critical Care</i> , 2015, 19, 322.	2.5	22
74	Extremely severe anaemia in a critically ill patient who declined a blood transfusion. <i>Transfusion Medicine</i> , 2015, 25, 195-197.	0.5	1
75	Cardiac arrest due to airway obstruction in hereditary angioedema. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1840.e1-1840.e2.	0.7	2
76	<i>VPS13D</i> Gene Variant Is Associated with Altered IL-6 Production and Mortality in Septic Shock. <i>Journal of Innate Immunity</i> , 2015, 7, 545-553.	1.8	9
77	Veno-venous extracorporeal membrane oxygenation (ECMO) for acute respiratory failure caused by liver abscess. <i>Journal of Artificial Organs</i> , 2015, 18, 173-176.	0.4	1
78	Identification of a Nonsynonymous Polymorphism in the SVEP1 Gene Associated With Altered Clinical Outcomes in Septic Shock*. <i>Critical Care Medicine</i> , 2015, 43, 101-108.	0.4	29
79	Serum Procalcitonin Level and SOFA Score at Discharge from the Intensive Care Unit Predict Post-Intensive Care Unit Mortality: A Prospective Study. <i>PLoS ONE</i> , 2014, 9, e114007.	1.1	23
80	Case Report: Urgent endovascular treatment of subclavian artery injury after blunt trauma. <i>F1000Research</i> , 2014, 3, 310.	0.8	11
81	Relationship between the 4<sc>T</sc>s scoring system and the antiplatelet factor 4/heparin antibodies test in critically ill patients. <i>Acute Medicine & Surgery</i> , 2014, 1, 37-44.	0.5	3
82	PCSK9 is a critical regulator of the innate immune response and septic shock outcome. <i>Science Translational Medicine</i> , 2014, 6, 258ra143.	5.8	287
83	Usefulness of interleukin 6 levels in the cerebrospinal fluid for the diagnosis of bacterial meningitis. <i>Journal of Critical Care</i> , 2014, 29, 693.e1-693.e6.	1.0	38
84	Median arcuate ligament syndrome presenting as hemorrhagic shock. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1152.e1-1152.e4.	0.7	8
85	Normal-Range Blood Lactate Concentration in Septic Shock Is Prognostic and Predictive. <i>Shock</i> , 2012, 38, 4-10.	1.0	144
86	Treatment of Septic Shock with Continuous HDF Using 2 PMMA Hemofilters for Enhanced Intensity. <i>International Journal of Artificial Organs</i> , 2012, 35, 3-14.	0.7	14
87	IL17A genetic variation is associated with altered susceptibility to Gram-positive infection and mortality of severe sepsis. <i>Critical Care</i> , 2011, 15, R254.	2.5	38
88	Outcome prediction in sepsis combined use of genetic polymorphisms â€“ A study in Japanese population. <i>Cytokine</i> , 2011, 54, 79-84.	1.4	32
89	Association of angiotensin II type 1 receptor-associated protein gene polymorphism with increased mortality in septic shock*. <i>Critical Care Medicine</i> , 2011, 39, 1641-1648.	0.4	45
90	Leucyl/Cystinyl Aminopeptidase Gene Variants in Septic Shock. <i>Chest</i> , 2011, 139, 1042-1049.	0.4	63

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91	Î ² -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
92	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
93	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
94	Continuous Hemodiafiltration with PMMA Hemofilter in the Treatment of Patients with Septic Shock. Molecular Medicine, 2008, 14, 257-263.	1.9	611
95	Blood purification for hypercytokinemia. Transfusion and Apheresis Science, 2006, 35, 253-264.	0.5	28
96	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
97	Catheter-Related Infections in Continuous Hemodiafiltration in Intensive Care Patients. Blood Purification, 2004, 22, 416-422.	0.9	6
98	Case Report: Cardiac arrest due to traumatic coronary artery dissection treated by extracorporeal membrane resuscitation. F1000Research, 0, 8, 1720.	0.8	0
99	Case Report: Sustained mitochondrial damage in cardiomyocytes in patients with severe propofol infusion syndrome. F1000Research, 0, 9, 712.	0.8	1