

Kazuma Yamakawa

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

3,216
citations

117453

34
h-index

182168

51
g-index

102
all docs

102
docs citations

102
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of anticoagulant therapy in three specific populations with sepsis: a meta-analysis of randomized controlled trials. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 518-530.	1.9	162
2	Recombinant human soluble thrombomodulin in severe sepsis: a systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 508-519.	1.9	134
3	Early rehabilitation to prevent postintensive care syndrome in patients with critical illness: a systematic review and meta-analysis. <i>BMJ Open</i> , 2018, 8, e019998.	0.8	127
4	Treatment effects of recombinant human soluble thrombomodulin in patients with severe sepsis: a historical control study. <i>Critical Care</i> , 2011, 15, R123.	2.5	112
5	The Survival Benefit of a Novel Trauma Workflow that Includes Immediate Whole-body Computed Tomography, Surgery, and Interventional Radiology, All in One Trauma Resuscitation Room. <i>Annals of Surgery</i> , 2019, 269, 370-376.	2.1	112
6	Benefit profile of anticoagulant therapy in sepsis: a nationwide multicentre registry in Japan. <i>Critical Care</i> , 2016, 20, 229.	2.5	102
7	Recombinant human soluble thrombomodulin in sepsis-induced disseminated intravascular coagulation: a multicenter propensity score analysis. <i>Intensive Care Medicine</i> , 2013, 39, 644-652.	3.9	98
8	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
9	Recombinant human soluble thrombomodulin and mortality in sepsis-induced disseminated intravascular coagulation. <i>Thrombosis and Haemostasis</i> , 2016, 115, 1157-1166.	1.8	87
10	Diagnostic value of procalcitonin and presepsin for sepsis in critically ill adult patients: a systematic review and meta-analysis. <i>Journal of Intensive Care</i> , 2019, 7, 22.	1.3	79
11	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
12	Role of disseminated intravascular coagulation in severe sepsis. <i>Thrombosis Research</i> , 2019, 178, 182-188.	0.8	72
13	Recombinant human soluble thrombomodulin improves mortality and respiratory dysfunction in patients with severe sepsis. <i>Journal of Trauma</i> , 2012, 72, 1150-1157.	2.3	70
14	Efficacy and safety of nintedanib for pulmonary fibrosis in severe pneumonia induced by COVID-19: An interventional study. <i>International Journal of Infectious Diseases</i> , 2021, 108, 454-460.	1.5	65
15	Benefit profile of recombinant human soluble thrombomodulin in sepsis-induced disseminated intravascular coagulation: a multicenter propensity score analysis. <i>Critical Care</i> , 2015, 19, 78.	2.5	64
16	Rapid and Sustained Long-Term Decrease of Fecal Short-Chain Fatty Acids in Critically Ill Patients With Systemic Inflammatory Response Syndrome. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015, 39, 569-577.	1.3	64
17	Effect of tranexamic acid on thrombotic events and seizures in bleeding patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2021, 25, 380.	2.5	63
18	Impact on survival of whole-body computed tomography before emergency bleeding control in patients with severe blunt trauma. <i>Critical Care</i> , 2013, 17, R178.	2.5	57

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19	Epidemiology of disseminated intravascular coagulation in sepsis and validation of scoring systems. <i>Journal of Critical Care</i> , 2019, 50, 23-30.	1.0	56
20	Antithrombin Supplementation and Mortality in Sepsis-Induced Disseminated Intravascular Coagulation. <i>Shock</i> , 2016, 46, 623-631.	1.0	49
21	Tranexamic acid and trauma-induced coagulopathy. <i>Journal of Intensive Care</i> , 2017, 5, 5.	1.3	48
22	Significance of plasma fibrinogen level and antithrombin activity in sepsis: A multicenter cohort study using a cubic spline model. <i>Thrombosis Research</i> , 2019, 181, 17-23.	0.8	47
23	Enhanced Expression of Cell-Specific Surface Antigens on Endothelial Microparticles in Sepsis-Induced Disseminated Intravascular Coagulation. <i>Shock</i> , 2015, 43, 443-449.	1.0	46
24	Optimal patient selection for anticoagulant therapy in sepsis: an evidence-based proposal from Japan. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 462-464.	1.9	46
25	Recombinant Human Soluble Thrombomodulin in Sepsis-Induced Coagulopathy: An Updated Systematic Review and Meta-Analysis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 056-065.	1.8	46
26	Variations in infection sites and mortality rates among patients in intensive care units with severe sepsis and septic shock in Japan. <i>Journal of Intensive Care</i> , 2019, 7, 28.	1.3	44
27	External Validation of the Two Newly Proposed Criteria for Assessing Coagulopathy in Sepsis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 203-212.	1.8	44
28	Systemic Involvement of High-Mobility Group Box 1 Protein and Therapeutic Effect of Anti-High-Mobility Group Box 1 Protein Antibody in a Rat Model of Crush Injury. <i>Shock</i> , 2012, 37, 634-638.	1.0	43
29	Screening itself for disseminated intravascular coagulation may reduce mortality in sepsis: A nationwide multicenter registry in Japan. <i>Thrombosis Research</i> , 2018, 161, 60-66.	0.8	40
30	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
31	First clinical experience with IVR-CT system in the emergency room: Positive impact on trauma workflow. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 52.	1.1	39
32	Polymyxin B Hemoperfusion for Sepsis and Septic Shock: A Systematic Review and Meta-Analysis. <i>Surgical Infections</i> , 2017, 18, 225-233.	0.7	39
33	Electrical Vagus Nerve Stimulation Attenuates Systemic Inflammation and Improves Survival in a Rat Heatstroke Model. <i>PLoS ONE</i> , 2013, 8, e56728.	1.1	37
34	Proposal of a two-step process for the diagnosis of sepsis-induced disseminated intravascular coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1265-1268.	1.9	37
35	Implementation of earlier antibiotic administration in patients with severe sepsis and septic shock in Japan: a descriptive analysis of a prospective observational study. <i>Critical Care</i> , 2019, 23, 360.	2.5	35
36	Potential survival benefit of polymyxin B hemoperfusion in patients with septic shock: a propensity-matched cohort study. <i>Critical Care</i> , 2017, 21, 134.	2.5	32

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37	Sepsis-Induced Coagulopathy and Japanese Association for Acute Medicine DIC in Coagulopathic Patients with Decreased Antithrombin and Treated by Antithrombin. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 1020-1026.	0.7	32
38	Platelet mitochondrial membrane potential correlates with severity in patients with systemic inflammatory response syndrome. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 411-418.	1.1	30
39	Hematological Phenotype of COVID-19-Induced Coagulopathy: Far from Typical Sepsis-Induced Coagulopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 2875.	1.0	30
40	Characteristics, treatments, and outcomes of severe sepsis of 3195 ICU-treated adult patients throughout Japan during 2011–2013. <i>Journal of Intensive Care</i> , 2016, 4, 44.	1.3	29
41	Effect of the Hybrid Emergency Room System on Functional Outcome in Patients with Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2018, 118, e792-e799.	0.7	29
42	In-hospital mortality associated with the misdiagnosis or unidentified site of infection at admission. <i>Critical Care</i> , 2019, 23, 202.	2.5	28
43	Impact of blood glucose abnormalities on outcomes and disease severity in patients with severe sepsis: An analysis from a multicenter, prospective survey of severe sepsis. <i>PLoS ONE</i> , 2020, 15, e0229919.	1.1	28
44	The clinical significance of circulating soluble RAGE in patients with severe sepsis. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 1086-1094.	1.1	25
45	Head-to-head comparison of procalcitonin and presepsin for the diagnosis of sepsis in critically ill adult patients: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e014305.	0.8	24
46	Optimal Antithrombin Activity Threshold for Initiating Antithrombin Supplementation in Patients With Sepsis-Induced Disseminated Intravascular Coagulation: A Multicenter Retrospective Observational Study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 874-883.	0.7	24
47	A Systematic Summary of Systematic Reviews on Anticoagulant Therapy in Sepsis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1869.	1.0	22
48	Recombinant human soluble thrombomodulin in patients with sepsis-associated coagulopathy (SCARLET): an updated meta-analysis. <i>Critical Care</i> , 2019, 23, 302.	2.5	22
49	A multicenter prospective validation study on disseminated intravascular coagulation in trauma-induced coagulopathy. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2232-2244.	1.9	22
50	Identifying Sepsis Populations Benefitting from Anticoagulant Therapy: A Prospective Cohort Study Incorporating a Restricted Cubic Spline Regression Model. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1740-1751.	1.8	21
51	Characteristics and outcomes of bacteremia among ICU-admitted patients with severe sepsis. <i>Scientific Reports</i> , 2020, 10, 2983.	1.6	21
52	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
53	Impact of Gram stain results on initial treatment selection in patients with ventilator-associated pneumonia: a retrospective analysis of two treatment algorithms. <i>Critical Care</i> , 2017, 21, 156.	2.5	19
54	Low-dose immunoglobulin G is not associated with mortality in patients with sepsis and septic shock. <i>Critical Care</i> , 2017, 21, 181.	2.5	19

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55	Optimal Timing and Early Intervention With Anticoagulant Therapy for Sepsis-Induced Disseminated Intravascular Coagulation. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961983505.	0.7	19
56	Assessment of risk factors related to healthcare-associated methicillin-resistant <i>Staphylococcus aureus</i> infection at patient admission to an intensive care unit in Japan. <i>BMC Infectious Diseases</i> , 2011, 11, 303.	1.3	18
57	Early rehabilitation for the prevention of postintensive care syndrome in critically ill patients: a study protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017, 7, e013828.	0.8	17
58	First clinical experiences of concurrent bleeding control and intracranial pressure monitoring using a hybrid emergency room system in patients with multiple injuries. <i>World Journal of Emergency Surgery</i> , 2018, 13, 56.	2.1	17
59	Clinical Significance of Tissue Factor and CD13 Double-Positive Microparticles in Sepsis Patients with Trauma and Severe Sepsis. <i>Shock</i> , 2017, 47, 409-415.	1.0	16
60	Concomitant Versus Individual Administration of Antithrombin and Thrombomodulin for Sepsis-Induced Disseminated Intravascular Coagulation: A Nationwide Japanese Registry Study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2018, 24, 734-740.	0.7	16
61	Japanese rapid/living recommendations on drug management for COVID-19: updated guidelines (September 2021). <i>Acute Medicine & Surgery</i> , 2021, 8, e706.	0.5	16
62	Effect of Histone Acetylation on N-Methyl-D-Aspartate 2B Receptor Subunits and Interleukin-1 Receptors in Association with Nociception-Related Somatosensory Cortex Dysfunction in a Mouse Model of Sepsis. <i>Shock</i> , 2016, 45, 660-667.	1.0	14
63	Therapeutic Effectiveness of Anti-RAGE Antibody Administration in a Rat Model of Crush Injury. <i>Scientific Reports</i> , 2017, 7, 12255.	1.6	14
64	Nationwide registry of sepsis patients in Japan focused on disseminated intravascular coagulation 2011-2013. <i>Scientific Data</i> , 2018, 5, 180243.	2.4	14
65	Design and Evaluation of New Unified Criteria for Disseminated Intravascular Coagulation Based on the Japanese Association for Acute Medicine Criteria. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2016, 22, 153-160.	0.7	13
66	Japanese rapid/living recommendations on drug management for COVID-19. <i>Acute Medicine & Surgery</i> , 2021, 8, e664.	0.5	12
67	Effect of Earlier Door-to-CT and Door-to-Bleeding Control in Severe Blunt Trauma: A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1522.	1.0	12
68	Prolonged enhancement of cytotoxic T lymphocytes in the post-recovery state of severe COVID-19. <i>Journal of Intensive Care</i> , 2021, 9, 76.	1.3	12
69	Comparative Analysis of Three Machine-Learning Techniques and Conventional Techniques for Predicting Sepsis-Induced Coagulopathy Progression. <i>Journal of Clinical Medicine</i> , 2020, 9, 2113.	1.0	11
70	Risk modifiers of acute respiratory distress syndrome in patients with non-pulmonary sepsis: a retrospective analysis of the FORECAST study. <i>Journal of Intensive Care</i> , 2020, 8, 7.	1.3	11
71	Impact of initial coagulation and fibrinolytic markers on mortality in patients with severe blunt trauma: a multicentre retrospective observational study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019, 27, 25.	1.1	10
72	Ultrasound-guided infraclavicular axillary vein puncture is effective to avoid pinch-off syndrome: a long-term follow-up study. <i>Surgery Today</i> , 2013, 43, 745-750.	0.7	9

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73	GRam stain-guided Antibiotics ChoicE for Ventilator-Associated Pneumonia (GRACE-VAP) trial: rationale and study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 614.	0.7	9
74	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
75	Urine Titin N-Fragment as a Biomarker of Muscle Injury for Critical Illness Myopathy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 515-518.	2.5	9
76	Expression of the Robo4 receptor in endothelial cells is regulated by two AP-1 protein complexes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 987-991.	1.0	8
77	Gram stain-guided antibiotic choice: a GRACEful method to safely restrict overuse of broad-spectrum antibiotic agents. <i>Critical Care</i> , 2018, 22, 338.	2.5	8
78	A novel technique of differential lung ventilation in the critical care setting. <i>BMC Research Notes</i> , 2011, 4, 134.	0.6	7
79	Maximal Chemiluminescent Intensity in Response to Lipopolysaccharide Assessed by Endotoxin Activity Assay on Admission Day Predicts Mortality in Patients With Sepsis*. <i>Critical Care Medicine</i> , 2013, 41, 1443-1449.	0.4	7
80	Antithrombin use and mortality in patients with stage IV solid tumor-associated disseminated intravascular coagulation: a nationwide observational study in Japan. <i>BMC Cancer</i> , 2020, 20, 867.	1.1	6
81	Potential impacts of a novel integrated extracorporeal-CPR workflow using an interventional radiology and immediate whole-body computed tomography system in the emergency department. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 23.	0.7	6
82	Trauma-induced coagulopathy: The past, present, and future: A comment. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1571-1574.	1.9	5
83	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
84	Recombinant Thrombomodulin in Disseminated Intravascular Coagulation Associated with Stage IV Solid Tumors: A Nationwide Observational Study in Japan. <i>Thrombosis and Haemostasis</i> , 2021, 121, 036-045.	1.8	5
85	The Beneficial Effects of ETS-GS, a Novel Vitamin E Derivative, on a Rat Model of Crush Injury. <i>Shock</i> , 2016, 46, 681-687.	1.0	4
86	Impact of non-anticoagulant therapy on patients with sepsis-induced disseminated intravascular coagulation: A multicenter, case-control study. <i>Thrombosis Research</i> , 2018, 163, 22-29.	0.8	4
87	Efficacy and safety of anticoagulant therapy in three specific populations with sepsis: a meta-analysis of randomized controlled trials: reply. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 2310-2311.	1.9	3
88	The Treatment Intensity of Anticoagulant Therapy for Patients With Sepsis-Induced Disseminated Intravascular Coagulation and Outcomes: A Multicenter Cohort Study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961983915.	0.7	3
89	Galápagosization of sepsis management in Japan: a nationwide survey of current practices. <i>Acute Medicine & Surgery</i> , 2020, 7, e561.	0.5	3
90	Comparison of diazepam and lorazepam for the emergency treatment of adult status epilepticus: a systemic review and meta-analysis. <i>Acute Medicine & Surgery</i> , 2020, 7, e582.	0.5	3

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91	Clinical characteristics of patients with severe sepsis and septic shock in relation to bacterial virulence of beta-hemolytic Streptococcus and Streptococcus pneumoniae. <i>Acute Medicine & Surgery</i> , 2020, 7, e513.	0.5	3
92	Head positioning in suspected patients with acute stroke from prehospital to emergency department settings: a systematic review and meta-analysis. <i>Acute Medicine & Surgery</i> , 2021, 8, e631.	0.5	3
93	Prognostic accuracy of different disseminated intravascular coagulation criteria in critically ill adult patients: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2018, 8, e024878.	0.8	2
94	Clinical Significance of MicroRNAs in Patients with Sepsis: Protocol for a Systematic Review and Meta-Analysis. <i>Diagnostics</i> , 2019, 9, 211.	1.3	2
95	Safety of tranexamic acid in thrombotic adverse events and seizure in patients with haemorrhage: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e036020.	0.8	2
96	Optimal target blood pressure in critically ill adult patients with vasodilatory shock: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e048512.	0.8	2
97	Interventional radiology versus operative management for splenic injuries: a study protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e028172.	0.8	1
98	A Case of Jejunal Carcinoid Tumor Detected by Huge Nodal Metastasis. <i>Japanese Journal of Gastroenterological Surgery</i> , 2009, 42, 566-570.	0.0	1
99	$\text{PaO}_2/\text{FiO}_2$ ratio responsiveness to prone positioning in intubated patients with severe COVID-19: a retrospective observational study. <i>Acute Medicine & Surgery</i> , 2022, 9, .	0.5	1
100	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
101	History of diabetes may delay antibiotic administration in patients with severe sepsis presenting to emergency departments. <i>Medicine (United States)</i> , 2020, 99, e19446.	0.4	0
102	Special Issue on "Disseminated Intravascular Coagulation: Current Understanding and Future Perspectives". <i>Journal of Clinical Medicine</i> , 2022, 11, 3315.	1.0	0