

# Moritoki Egi

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

8,630  
citations

57758

44  
h-index

43889

91  
g-index

125  
all docs

125  
docs citations

125  
times ranked

9235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability of Blood Glucose Concentration and Short-term Mortality in Critically Ill Patients. <i>Anesthesiology</i> , 2006, 105, 244-252.	2.5	1,305
2	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. <i>Lancet Respiratory Medicine</i> , 2020, 8, 506-517.	10.7	1,177
3	Hypoglycemia and Outcome in Critically Ill Patients. <i>Mayo Clinic Proceedings</i> , 2010, 85, 217-224.	3.0	378
4	Blood glucose concentration and outcome of critical illness: The impact of diabetes*. <i>Critical Care Medicine</i> , 2008, 36, 2249-2255.	0.9	357
5	Plasma and urine neutrophil gelatinase-associated lipocalin in septic versus non-septic acute kidney injury in critical illness. <i>Intensive Care Medicine</i> , 2010, 36, 452-461.	8.2	294
6	Relative hyperlactatemia and hospital mortality in critically ill patients: a retrospective multi-centre study. <i>Critical Care</i> , 2010, 14, R25.	5.8	277
7	Diabetic status and the relation of the three domains of glycemic control to mortality in critically ill patients: an international multicenter cohort study. <i>Critical Care</i> , 2013, 17, R37.	5.8	269
8	Arterial hyperoxia and in-hospital mortality after resuscitation from cardiac arrest. <i>Critical Care</i> , 2011, 15, R90.	5.8	263
9	Renal blood flow in sepsis. <i>Critical Care</i> , 2005, 9, R363.	5.8	227
10	The impact of early hypoglycemia and blood glucose variability on outcome in critical illness. <i>Critical Care</i> , 2009, 13, R91.	5.8	215
11	The interaction of chronic and acute glycemia with mortality in critically ill patients with diabetes*. <i>Critical Care Medicine</i> , 2011, 39, 105-111.	0.9	189
12	Oliguria as predictive biomarker of acute kidney injury in critically ill patients. <i>Critical Care</i> , 2011, 15, R172.	5.8	185
13	Association of body temperature and antipyretic treatments with mortality of critically ill patients with and without sepsis: multi-centered prospective observational study. <i>Critical Care</i> , 2012, 16, R33.	5.8	158
14	Renal blood flow and function during recovery from experimental septic acute kidney injury. <i>Intensive Care Medicine</i> , 2007, 33, 1614-1618.	8.2	155
15	Timing of tracheotomy in ICU patients: a systematic review of randomized controlled trials. <i>Critical Care</i> , 2015, 19, 424.	5.8	150
16	Early blood glucose control and mortality in critically ill patients in Australia*. <i>Critical Care Medicine</i> , 2009, 37, 463-470.	0.9	144
17	Dynamic lactate indices as predictors of outcome in critically ill patients. <i>Critical Care</i> , 2011, 15, R242.	5.8	136
18	The impact of Rapid Response System on delayed emergency team activation patient characteristics and outcomes—A follow-up study. <i>Resuscitation</i> , 2010, 81, 31-35.	3.0	122

#	ARTICLE	IF	CITATIONS
19	Ionized calcium concentration and outcome in critical illness*. Critical Care Medicine, 2011, 39, 314-321.	0.9	117
20	Accuracy of blood-glucose measurements using glucose meters and arterial blood gas analyzers in critically ill adult patients: systematic review. Critical Care, 2013, 17, R48.	5.8	101
21	Circadian rhythm of blood glucose values in critically ill patients. Critical Care Medicine, 2007, 35, 416-421.	0.9	97
22	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	92
23	Long-term effect of a Medical Emergency Team on mortality in a teaching hospital. Resuscitation, 2007, 74, 235-241.	3.0	88
24	Urinary biochemistry in experimental septic acute renal failure. Nephrology Dialysis Transplantation, 2006, 21, 3389-3397.	0.7	83
25	Glycemic Control in the Intensive Care Unit: Why We Should Wait for NICE-SUGAR. Mayo Clinic Proceedings, 2005, 80, 1546-1548.	3.0	82
26	A prospective study of factors influencing the outcome of patients after a Medical Emergency Team review. Intensive Care Medicine, 2008, 34, 2112-2116.	8.2	80
27	Intensive Insulin Therapy in Postoperative Intensive Care Unit Patients. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 407-413.	5.6	78
28	Pre-morbid glycemic control modifies the interaction between acute hypoglycemia and mortality. Intensive Care Medicine, 2016, 42, 562-571.	8.2	78
29	Glycemic Control in the ICU. Chest, 2011, 140, 212-220.	0.8	75
30	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). Journal of Intensive Care, 2018, 6, 7.	2.9	74
31	Hypophosphatemia in critically ill patients. Journal of Critical Care, 2013, 28, 536.e9-536.e19.	2.2	73
32	Selecting a Vasopressor Drug for Vasoplegic Shock After Adult Cardiac Surgery: A Systematic Literature Review. Annals of Thoracic Surgery, 2007, 83, 715-723.	1.3	67
33	Effect of the medical emergency team on long-term mortality following major surgery. Critical Care, 2007, 11, R12.	5.8	67
34	The clinical practice guideline for the management of ARDS in Japan. Journal of Intensive Care, 2017, 5, 50.	2.9	65
35	Randomized, double-blind, placebo-controlled crossover pilot study of a potassium channel blocker in patients with septic shock*. Critical Care Medicine, 2006, 34, 980-985.	0.9	63
36	The optimal target for acute glycemic control in critically ill patients: a network meta-analysis. Intensive Care Medicine, 2017, 43, 16-28.	8.2	62

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37	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (Jâ€œSCG</sc> 2016). <i>Acute Medicine &amp; Surgery</i> , 2018, 5, 3-89.	1.2	61
38	The Effect of Albumin Concentration on Plasma Sodium and Chloride Measurements in Critically Ill Patients. <i>Anesthesia and Analgesia</i> , 2007, 104, 893-897.	2.2	59
39	Stress Hyperlactatemia Modifies the Relationship Between Stress Hyperglycemia and Outcome. <i>Critical Care Medicine</i> , 2014, 42, 1379-1385.	0.9	52
40	Perioperative plasma melatonin concentration in postoperative critically ill patients: Its association with delirium. <i>Journal of Critical Care</i> , 2013, 28, 236-242.	2.2	51
41	Reducing Glycemic Variability in Intensive Care Unit Patients: A New Therapeutic Target?. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 1302-1308.	2.2	50
42	What Is a NICE-SUGAR for Patients in the Intensive Care Unit?. <i>Mayo Clinic Proceedings</i> , 2009, 84, 400-402.	3.0	49
43	Effect of tranexamic acid on blood loss in pediatric cardiac surgery: a randomized trial. <i>Journal of Anesthesia</i> , 2011, 25, 823-830.	1.7	47
44	Is reducing variability of blood glucose the real but hidden target of intensive insulin therapy?. <i>Critical Care</i> , 2009, 13, 302.	5.8	44
45	Renal Vascular Resistance in Sepsis. <i>Nephron Physiology</i> , 2006, 104, p1-p11.	1.2	40
46	Comparison of Nafamostat Mesilate and Unfractionated Heparin as Anticoagulants during Continuous Renal Replacement Therapy. <i>International Journal of Artificial Organs</i> , 2016, 39, 16-21.	1.4	37
47	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (Jâ€œSCG 2020). <i>Acute Medicine &amp; Surgery</i> , 2021, 8, e659.	1.2	37
48	Association of serum chloride concentration with outcomes in postoperative critically ill patients: a retrospective observational study. <i>Journal of Intensive Care</i> , 2014, 2, 39.	2.9	36
49	Fever in non-neurological critically ill patients: A systematic review of observational studies. <i>Journal of Critical Care</i> , 2012, 27, 428-433.	2.2	34
50	Non-overt disseminated intravascular coagulation scoring for critically ill patients: The impact of antithrombin levels. <i>Thrombosis and Haemostasis</i> , 2009, 101, 696-705.	3.4	30
51	Haptoglobin Administration in Cardiovascular Surgery Patients: Its Association With the Risk of Postoperative Acute Kidney Injury. <i>Anesthesia and Analgesia</i> , 2017, 124, 1771-1776.	2.2	29
52	Treatment thresholds for hyperglycemia in critically ill patients with and without diabetes. <i>Intensive Care Medicine</i> , 2014, 40, 1049-1051.	8.2	25
53	Dose of intraoperative remifentanyl administration is independently associated with increase in the risk of postoperative nausea and vomiting in elective mastectomy under general anesthesia. <i>Journal of Clinical Anesthesia</i> , 2016, 34, 227-231.	1.6	25
54	The anticoagulant treatment for sepsis induced disseminated intravascular coagulation; network meta-analysis. <i>Thrombosis Research</i> , 2018, 171, 136-142.	1.7	25

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55	ARDS Clinical Practice Guideline 2021. <i>Journal of Intensive Care</i> , 2022, 10, .	2.9	24
56	Calcineurin Inhibitor-Related Cholestasis Complicating Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1664-1665.	1.3	21
57	Epidemiology, Management, and Outcomes of Sepsis in ICUs among Countries of Differing National Wealth across Asia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1107-1116.	5.6	21
58	An Assessment of Early Tracheostomy After Anterior Cervical Stabilization in Patients With Acute Cervical Spine Trauma. <i>Journal of Trauma</i> , 2008, 64, 749-753.	2.3	19
59	Intraoperative change of lactate level is associated with postoperative outcomes in pediatric cardiac surgery patients: retrospective observational study. <i>BMC Anesthesiology</i> , 2015, 15, 29.	1.8	19
60	Influence of Nutritional Management and Rehabilitation on Physical Outcome in Japanese Intensive Care Unit Patients: A Multicenter Observational Study. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 35-43.	1.9	17
61	Japanese rapid/living recommendations on drug management for COVID-19: updated guidelines (September 2021). <i>Acute Medicine &amp; Surgery</i> , 2021, 8, e706.	1.2	16
62	Blood glucose on day of intensive care unit admission as a surrogate of subsequent glucose control in intensive care. <i>Journal of Critical Care</i> , 2006, 21, 197-202.	2.2	15
63	What Is a NICE-SUGAR for Patients in the Intensive Care Unit?. <i>Mayo Clinic Proceedings</i> , 2009, 84, 400-402.	3.0	14
64	Non-overt disseminated intravascular coagulation scoring for critically ill patients: the impact of antithrombin levels. <i>Thrombosis and Haemostasis</i> , 2009, 101, 696-705.	3.4	13
65	Safer glycemic control using isomaltulose-based enteral formula: A pilot randomized crossover trial. <i>Journal of Critical Care</i> , 2010, 25, 90-96.	2.2	12
66	Impact of Milrinone Administration in Adult Cardiac Surgery Patients: Updated Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1454-1460.	1.3	12
67	Japanese rapid/living recommendations on drug management for COVID-19. <i>Acute Medicine &amp; Surgery</i> , 2021, 8, e664.	1.2	12
68	Hyperglycemia and the Outcome of Pediatric Cardiac Surgery Patients Requiring Peritoneal Dialysis. <i>International Journal of Artificial Organs</i> , 2008, 31, 309-316.	1.4	11
69	The story of critical care in Asia: a narrative review. <i>Journal of Intensive Care</i> , 2021, 9, 60.	2.9	10
70	Hypoglycemia in sepsis: Biomarker, mediator, or both?*. <i>Critical Care Medicine</i> , 2011, 39, 2367-2369.	0.9	9
71	Glycemic control in acute illness. <i>Korean Journal of Anesthesiology</i> , 2017, 70, 591.	2.5	9
72	Quantitative relationships among plasma lactate, inorganic phosphorus, albumin, unmeasured anions and the anion gap in lactic acidosis. <i>Journal of Critical Care</i> , 2018, 44, 101-110.	2.2	9

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73	Continuous Regional Arterial Infusion of Protease Inhibitors for Treatment of Severe Acute Pancreatitis. <i>Pancreas</i> , 2015, 44, 1017-1023.	1.1	8
74	Oxygen management in mechanically ventilated patients: A multicenter prospective observational study. <i>Journal of Critical Care</i> , 2018, 46, 1-5.	2.2	8
75	Mean amplitude of glycemic excursions in septic patients and its association with outcomes: A prospective observational study using continuous glucose monitoring. <i>Journal of Critical Care</i> , 2021, 63, 218-222.	2.2	8
76	Comparison of the incidences of hyponatremia in adult postoperative critically ill patients receiving intravenous maintenance fluids with 140Åmmol/L or 35Åmmol/L of sodium: retrospective before/after observational study. <i>Journal of Anesthesia</i> , 2017, 31, 657-663.	1.7	7
77	The association of intraoperative end-tidal carbon dioxide with the risk of postoperative nausea and vomiting. <i>Journal of Anesthesia</i> , 2020, 34, 195-201.	1.7	7
78	Association of direct bilirubin level with postoperative outcome in critically ill postoperative patients. <i>Korean Journal of Anesthesiology</i> , 2018, 71, 30.	2.5	7
79	The Association of Fever with Total Mechanical Ventilation Time in Critically Ill Patients. <i>Journal of Korean Medical Science</i> , 2016, 31, 2033.	2.5	6
80	Storage duration of transfused red blood cells is not significantly associated with postoperative adverse events in pediatric cardiac surgery patients. <i>Transfusion and Apheresis Science</i> , 2016, 54, 111-116.	1.0	6
81	Acute glycemic control in diabetics. How sweet is optimal? Con: Just as sweet as in nondiabetic is better. <i>Journal of Intensive Care</i> , 2018, 6, 70.	2.9	6
82	The impact of intravenous isotonic and hypotonic maintenance fluid on the risk of delirium in adult postoperative patients: retrospective before-after observational study. <i>Journal of Anesthesia</i> , 2019, 33, 287-294.	1.7	6
83	Mechanical Ventilation Discontinuation Practices in Asia: A Multinational Survey. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1352-1359.	3.2	6
84	Perioperative Brain Natriuretic Peptide in Pediatric Cardiac Surgery Patients: Its Association With Postoperative Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 537-542.	1.3	5
85	Glycated hemoglobin A1c level on the day of emergency surgery is a marker of premorbid glycemic control: a retrospective observational study. <i>BMC Anesthesiology</i> , 2018, 18, 180.	1.8	4
86	Management of fever in critically ill patients with infection. <i>Journal of Emergency and Critical Care Medicine</i> , 0, 2, 10-10.	0.7	4
87	Perioperative Serum Free Hemoglobin and Haptoglobin Levels in Valvular and Aortic Surgery With Cardiopulmonary Bypass: Their Associations With Postoperative Kidney Injury. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3207-3214.	1.3	4
88	Blood glucose control in critically ill patients: The impact of diabetes. <i>Critical Care Medicine</i> , 2009, 37, 382-383.	0.9	3
89	GalÃ¡pagosization of sepsis management in Japan: a nationwide survey of current practices. <i>Acute Medicine &amp; Surgery</i> , 2020, 7, e561.	1.2	3
90	Acetaminophen for febrile patients with suspected infection: potential benefit and further directions. <i>Journal of Thoracic Disease</i> , 2016, 8, E111-4.	1.4	3

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91	The association of plasma gamma-aminobutyric acid concentration with postoperative delirium in critically ill patients. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2014, 16, 269-73.	0.1	3
92	Is postoperative delirium a relevant outcome?. <i>Journal of Anesthesia</i> , 2016, 30, 1-2.	1.7	2
93	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016: Methodological Considerations and Proper Use. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2017, 37, 805-810.	0.0	2
94	Long-term preoperative glycemic control restored the perioperative neutrophilic phagocytosis activity in diabetic mice. <i>BMC Endocrine Disorders</i> , 2020, 20, 146.	2.2	2
95	Suppression of behavioral activity and hippocampal noradrenaline caused by surgical stress in type 2 diabetes model mice. <i>BMC Neuroscience</i> , 2020, 21, 8.	1.9	2
96	Association between Intra-Circuit Activated Clotting Time and Incidence of Bleeding Complications during Continuous Renal Replacement Therapy using Nafamostat Mesilate: a Retrospective Pilot Observational Study. <i>Kobe Journal of Medical Sciences</i> , 2017, 63, E30-E36.	0.2	2
97	Prediction Model of Extubation Outcomes in Critically Ill Patients: A Multicenter Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2520.	2.4	2
98	Role of potassium channel blockade in the treatment of sepsis-induced vascular hyporeactivity. <i>Critical Care Medicine</i> , 2006, 34, 2868-2869.	0.9	1
99	Acid-base variables in patients with acute kidney injury requiring peritoneal dialysis in the pediatric cardiac care unit. <i>Journal of Anesthesia</i> , 2009, 23, 334-340.	1.7	1
100	A case of delayed respiratory depression caused by accidental subcutaneous opioid infusion. <i>Journal of Anesthesia</i> , 2016, 30, 489-492.	1.7	1
101	A case of spinal anesthesia in a patient with progressive supranuclear palsy. <i>JA Clinical Reports</i> , 2018, 4, 12.	0.7	1
102	Abdominal compartment syndrome in a monochorionic triamniotic triplet pregnancy complicated by fetal transfusion syndrome. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 3370-3373.	1.3	1
103	Randomized controlled trial of... <i>Journal of the Japanese Society of...</i> 21-26.	0.0	1
104	Low serum concentrations of vitamin B6 and iron are related to panic attack and hyperventilation attack. <i>Acta Medica Okayama</i> , 2013, 67, 99-104.	0.2	1
105	Circadian variation of glucose levels: Biology or timing of measurements?. <i>Critical Care Medicine</i> , 2007, 35, 1801-1802.	0.9	0
106	Acute kidney injury after cardiac surgery: a preventable event?. <i>Journal of Anesthesia</i> , 2017, 31, 643-644.	1.7	0
107	Drug-induced Liver Injury Following General Anesthesia Combined with Transversus Abdominis Plane Block Using Ropivacaine. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2017, 37, 427-432.	0.0	0
108	Blood Glucose Control in Critical Care. , 2019, , 464-469.e2.		0

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109	Serum sodium measurements in postoperative critically ill patients: The difference between direct and indirect methods. <i>Perioperative Care and Operating Room Management</i> , 2021, 25, 100215.	0.3	0
110	Blood Glucose Control in Critical Care. , 2009, , 757-761.		0
111	Blood Glucose Control in Critically Ill Patients. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2011, 31, 551-559.	0.0	0
112	Perioperative Blood Glucose Control in Patients with Diabetes. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2012, 32, 842-850.	0.0	0
113	Acid-base balance in post-esophagectomy patients: a quantitative analysis using the Stewart-approach. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2013, 20, 265-269.	0.0	0
114	Present Clinical Status of Postoperative Delirium (POD). , 2017, , 51-58.		0
115	How to Meet with Promising Research Themes. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2019, 39, 87-90.	0.0	0
116	Reply from authors: The association of intraoperative end-tidal carbon dioxide with the risk of postoperative nausea and vomiting. <i>Journal of Anesthesia</i> , 2020, 34, 316-316.	1.7	0
117	Selecting a Vasopressor and Inotrope Drug in Perioperative Patients. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2020, 40, 516-519.	0.0	0
118	New avenues of sepsis research: obtaining perspective by analyzing and comparing SSCG 2021 and J-SSCG 2020. <i>Journal of Intensive Care</i> , 2022, 10, 11.	2.9	0
119	Constant Current vs. Constant Voltage Systems for Temporal Spinal Cord Stimulation for Intractable Pain. <i>Acta Medica Okayama</i> , 2017, 71, 531-537.	0.2	0
120	A case of withdrawal syndrome treated with ketamine. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2022, 29, 280-283.	0.0	0