

# Tadahiro Goto

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

2,138  
citations

279487

23  
h-index

301761

39  
g-index

123  
all docs

123  
docs citations

123  
times ranked

2688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergency department triage prediction of clinical outcomes using machine learning models. <i>Critical Care</i> , 2019, 23, 64.	2.5	243
2	Trends in Bronchiolitis Hospitalizations in the United States: 2000â€“2016. <i>Pediatrics</i> , 2019, 144, e20192614.	1.0	183
3	Machine Learningâ€“Based Prediction of Clinical Outcomes for Children During Emergency Department Triage. <i>JAMA Network Open</i> , 2019, 2, e186937.	2.8	160
4	Machine learning approaches for predicting disposition of asthma and COPD exacerbations in the ED. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1650-1654.	0.7	101
5	Prospective validation of the modified LEMON criteria to predict difficult intubation in the ED. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1492-1496.	0.7	55
6	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>JAMA Internal Medicine</i> , 2018, 178, 356.	2.6	50
7	Infectious Diseaseâ€“Related Emergency Department Visits of Elderly Adults in the United States, 2011â€“2012. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 31-36.	1.3	46
8	Impact of extracorporeal cardiopulmonary resuscitation on outcomes of elderly patients who had out-of-hospital cardiac arrests: a single-centre retrospective analysis. <i>BMJ Open</i> , 2018, 8, e019811.	0.8	46
9	Factors Associated with First-Pass Success in Pediatric Intubation in the Emergency Department. <i>Western Journal of Emergency Medicine</i> , 2016, 17, 129-134.	0.6	45
10	Trends in 30-day readmission rates after COPD hospitalization, 2006â€“2012. <i>Respiratory Medicine</i> , 2017, 130, 92-97.	1.3	44
11	Coagulation phenotypes in sepsis and effects of recombinant human thrombomodulin: an analysis of three multicentre observational studies. <i>Critical Care</i> , 2021, 25, 114.	2.5	40
12	Multiple failed intubation attempts are associated with decreased success rates on the first rescue intubation in the emergency department: a retrospective analysis of multicentre observational data. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015, 23, 5.	1.1	37
13	Comparison of video laryngoscopy versus direct laryngoscopy for intubation in emergency department patients with cardiac arrest: A multicentre study. <i>Resuscitation</i> , 2019, 136, 70-77.	1.3	37
14	Techniques and outcomes of emergency airway management in Japan: An analysis of two multicentre prospective observational studies, 2010â€“2016. <i>Resuscitation</i> , 2017, 114, 14-20.	1.3	36
15	Recurrent Mitral Regurgitation After MitraClip: Predictive Factors, Morphology, and Clinical Implication. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, CIRCINTERVENTIONS121010895.	1.4	34
16	Obesity and Severity of Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2018, 15, 184-191.	1.5	32
17	Incidence of Acute Cardiovascular Event After Acute Exacerbation of COPD. <i>Journal of General Internal Medicine</i> , 2018, 33, 1461-1468.	1.3	30
18	Missed Serious Neurologic Conditions in Emergency Department Patients Discharged With Nonspecific Diagnoses of Headache or Back Pain. <i>Annals of Emergency Medicine</i> , 2019, 74, 549-561.	0.3	30

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19	Machine-learning-based prediction models for high-need high-cost patients using nationwide clinical and claims data. <i>Npj Digital Medicine</i> , 2020, 3, 148.	5.7	30
20	Machine Learning-Based Prediction Models for 30-Day Readmission after Hospitalization for Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 338-343.	0.7	29
21	Associations of obesity with tracheal intubation success on first attempt and adverse events in the emergency department: An analysis of the multicenter prospective observational study in Japan. <i>PLoS ONE</i> , 2018, 13, e0195938.	1.1	28
22	Emergency Department Utilization by Children in the USA, 2010-2011. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 1042-1046.	0.6	27
23	Reduced Risk of Acute Exacerbation of COPD After Bariatric Surgery. <i>Chest</i> , 2018, 153, 611-617.	0.4	25
24	Repeated attempts at tracheal intubation by a single intubator associated with decreased success rates in emergency departments: an analysis of a multicentre prospective observational study. <i>Emergency Medicine Journal</i> , 2015, 32, 781-786.	0.4	24
25	Acceptance, Barriers, and Facilitators to Implementing Artificial Intelligence-Based Decision Support Systems in Emergency Departments: Quantitative and Qualitative Evaluation. <i>JMIR Formative Research</i> , 2022, 6, e36501.	0.7	24
26	Advancing emergency airway management practice and research. <i>Acute Medicine &amp; Surgery</i> , 2019, 6, 336-351.	0.5	23
27	Trends in Infectious Disease Hospitalizations in US Children, 2000 to 2012. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, e158-e163.	1.1	22
28	Trends in Emergency Department Visits and Charges for Gout in the United States between 2006 and 2012. <i>Journal of Rheumatology</i> , 2016, 43, 1589-1592.	1.0	22
29	Association of ketamine use with lower risks of post-intubation hypotension in hemodynamically-unstable patients in the emergency department. <i>Scientific Reports</i> , 2019, 9, 17230.	1.6	19
30	Association Between Obesity and Acute Severity Among Patients Hospitalized for Asthma Exacerbation. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1936-1941.e4.	2.0	18
31	Association of fentanyl use in rapid sequence intubation with post-intubation hypotension. <i>American Journal of Emergency Medicine</i> , 2018, 36, 2044-2049.	0.7	18
32	PASCAL versus MitraClip-XTR edge-to-edge device for the treatment of tricuspid regurgitation: a propensity-matched analysis. <i>Clinical Research in Cardiology</i> , 2021, 110, 451-459.	1.5	18
33	Sex and racial/ethnic differences in the reason for 30-day readmission after COPD hospitalization. <i>Respiratory Medicine</i> , 2017, 131, 6-10.	1.3	17
34	Respiratory Virus Epidemiology Among US Infants With Severe Bronchiolitis: Analysis of 2 Multicenter, Multiyear Cohort Studies. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, e180-e183.	1.1	17
35	Validation of chief complaints, medical history, medications, and physician diagnoses structured with an integrated emergency department information system in Japan: the Next Stage ER system. <i>Acute Medicine &amp; Surgery</i> , 2020, 7, e554.	0.5	17
36	A comparison of the force applied on oral structures during intubation attempts between the Pentax-AWS airwayscope and the Macintosh laryngoscope: a high-fidelity simulator-based study. <i>BMJ Open</i> , 2014, 4, e006416.	0.8	16

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37	Fractional exhaled nitric oxide levels in asthma&ndash;COPD overlap syndrome: analysis of the National Health and Nutrition Examination Survey, 2007&ndash;2012. <i>International Journal of COPD</i> , 2016, Volume 11, 2149-2155.	0.9	16
38	The association of aspirin use with severity of acute exacerbation of chronic obstructive pulmonary disease: a retrospective cohort study. <i>Npj Primary Care Respiratory Medicine</i> , 2018, 28, 7.	1.1	16
39	Physician visits and medication prescriptions for major chronic diseases during the COVID-19 pandemic in Japan: retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e050938.	0.8	16
40	The effects of flipped learning for bystander cardiopulmonary resuscitation on undergraduate medical students. <i>International Journal of Medical Education</i> , 2017, 8, 430-436.	0.6	16
41	Mortality trends in U.S. adults with septic shock, 2005-2011: a serial cross-sectional analysis of nationally-representative data. <i>BMC Infectious Diseases</i> , 2016, 16, 294.	1.3	15
42	Comparison of the force applied on oral structures during intubation attempts by novice physicians between the Macintosh direct laryngoscope, Airway Scope and C-MAC PM: a high-fidelity simulator-based study. <i>BMJ Open</i> , 2016, 6, e011039.	0.8	15
43	Bariatric surgery is associated with lower risk of acute care use for cardiovascular disease in obese adults. <i>Cardiovascular Research</i> , 2019, 115, 800-806.	1.8	15
44	Association between age and neurological outcomes in out-of-hospital cardiac arrest patients resuscitated with extracorporeal cardiopulmonary resuscitation: a nationwide multicentre observational study. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 35-42.	0.4	15
45	Association of Bariatric Surgery With Risk of Infectious Diseases: A Self-Controlled Case Series Analysis. <i>Clinical Infectious Diseases</i> , 2017, 65, 1349-1355.	2.9	14
46	Association of obstructive sleep apnea with severity of patients hospitalized for acute asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 124, 165-170.e4.	0.5	14
47	Risk of Cardiovascular Events After Spouse&#x2019;s ICU Admission. <i>Circulation</i> , 2020, 142, 1691-1693.	1.6	14
48	Development and Validation of a Novel Method for Converting the Japan Coma Scale to Glasgow Coma Scale. <i>Journal of Epidemiology</i> , 2023, 33, 531-535.	1.1	14
49	Contribution of social factors to readmissions within 30 days after hospitalization for COPD exacerbation. <i>BMC Pulmonary Medicine</i> , 2020, 20, 107.	0.8	13
50	Impact of national guidelines for antimicrobial stewardship to reduce antibiotic use in upper respiratory tract infection and gastroenteritis. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 280-286.	1.0	13
51	Association Between Repeated Tracheal Intubation Attempts and Adverse Events in Children in the Emergency Department. <i>Pediatric Emergency Care</i> , 2022, 38, e563-e568.	0.5	13
52	Sex differences in the risk of hospitalization among patients presenting to US emergency departments with asthma exacerbation, 2010-2012. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016, 4, 149-151.e2.	2.0	12
53	Association of Obesity With Severity of Heart Failure Exacerbation: A Population&#x2013;Based Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	12
54	Acute Exacerbation of Chronic Obstructive Pulmonary Disease and Subsequent Risk of Emergency Department Visits and Hospitalizations for Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006322.	2.1	12

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55	Institution-Specific Machine Learning Models for Prehospital Assessment to Predict Hospital Admission: Prediction Model Development Study. <i>JMIR Medical Informatics</i> , 2020, 8, e20324.	1.3	12
56	Celiac disease autoimmunity is associated with leukocyte telomere shortening in older adults: The U.S. National Health and Nutrition Examination Survey. <i>Experimental Gerontology</i> , 2017, 89, 64-68.	1.2	11
57	Age-related differences in the rate and diagnosis of 30-day readmission after hospitalization for acute ischemic stroke. <i>International Journal of Stroke</i> , 2018, 13, 717-724.	2.9	10
58	Time-varying Readmission Diagnoses During 30 Days After Hospitalization for COPD Exacerbation. <i>Medical Care</i> , 2018, 56, 673-678.	1.1	10
59	Development and validation of early prediction models for new-onset functional impairment at hospital discharge of ICU admission. <i>Intensive Care Medicine</i> , 2022, 48, 679-689.	3.9	10
60	Machine learning in gastrointestinal surgery. <i>Surgery Today</i> , 2022, 52, 995-1007.	0.7	9
61	Longitudinal acquisition of endotracheal intubation skills in novice physicians. <i>PLoS ONE</i> , 2017, 12, e0188224.	1.1	9
62	Machine Learning Approaches for Predicting Difficult Airway and First-Pass Success in the Emergency Department: Multicenter Prospective Observational Study. <i>Interactive Journal of Medical Research</i> , 2022, 11, e28366.	0.6	8
63	Resuscitative endovascular balloon occlusion of the aorta for life-threatening postpartum hemorrhage: A nationwide observational study in Japan. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 418-423.	1.1	8
64	Experimental Implementation of NSER Mobile App for Efficient Real-Time Sharing of Prehospital Patient Information With Emergency Departments: Interrupted Time-Series Analysis. <i>JMIR Formative Research</i> , 2022, 6, e37301.	0.7	8
65	Blood levels of lead and mercury and celiac disease seropositivity: the US National Health and Nutrition Examination Survey. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8385-8391.	2.7	7
66	Clinical Trajectories of Suicide Attempts and Self-harm in Patients Admitted to Acute-care Hospitals in Japan: A Nationwide Inpatient Database Study. <i>Journal of Epidemiology</i> , 2021, 31, 231-236.	1.1	7
67	Time in blood glucose range 70 to 180 mg/dL and survival rate in critically ill patients: A retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0252158.	1.1	7
68	Risk factors of sepsis among patients with qSOFA<math>\geq 2</math> in the emergency department. <i>American Journal of Emergency Medicine</i> , 2021, 50, 699-706.	0.7	7
69	Clinical performance of early warning scoring systems for identifying sepsis among anti-hypertensive agent users. <i>American Journal of Emergency Medicine</i> , 2021, 48, 120-127.	0.7	7
70	Multiple intubation attempts in the emergency department and in-hospital mortality: A retrospective observational study. <i>American Journal of Emergency Medicine</i> , 2020, 38, 768-773.	0.7	6
71	Prognostic Impact of Redo Transcatheter Mitral Valve Repair for Recurrent Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2020, 130, 123-129.	0.7	6
72	Association of acute kidney injury with readmissions after hospitalization for acute exacerbation of chronic obstructive pulmonary disease: a population-based study. <i>BMC Nephrology</i> , 2020, 21, 116.	0.8	6

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73	Impact of right ventricular-pulmonary arterial coupling on clinical outcomes of tricuspid regurgitation. <i>EuroIntervention</i> , 2022, 18, 852-861.	1.4	6
74	Index to Predict In-hospital Mortality in Older Adults after Non-traumatic Emergency Department Intubations. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 690-697.	0.6	5
75	Association of obstructive sleep apnoea with acute severity of chronic obstructive pulmonary disease exacerbation: a population-based study. <i>Internal Medicine Journal</i> , 2018, 48, 1150-1153.	0.5	5
76	The incidence of post-intubation hypertension and association with repeated intubation attempts in the emergency department. <i>PLoS ONE</i> , 2019, 14, e0212170.	1.1	5
77	Association of obstructive sleep apnea with all-cause readmissions after hospitalization for asthma exacerbation in adults aged 18-54 years: a population-based study, 2010-2013. <i>Journal of Asthma</i> , 2021, 58, 1176-1185.	0.9	5
78	Development of a Scoring System to Predict Prolonged Post-Stroke Dysphagia Remaining at Discharge from a Subacute Care Hospital to the Home. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105804.	0.7	5
79	New machine learning scoring system for predicting postoperative mortality in gastroduodenal ulcer perforation: A study using a Japanese nationwide inpatient database. <i>Surgery</i> , 2022, 171, 1036-1042.	1.0	5
80	Early response of right-ventricular function to percutaneous mitral valve repair. <i>Clinical Research in Cardiology</i> , 2022, 111, 859-868.	1.5	5
81	Associations of Government-issued Intensive Care Unit Admission Criteria with Clinical Practices, Outcomes, and Intensive Care Unit Bed Occupancy. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1013-1021.	1.5	5
82	Characteristics and subgroups of frequent emergency department users in an academic hospital in Japan. <i>Acute Medicine &amp; Surgery</i> , 2020, 7, e535.	0.5	4
83	Reversible cerebral vasoconstriction syndrome: the importance of follow-up imaging within 2 weeks. <i>Acute Medicine &amp; Surgery</i> , 2020, 7, e559.	0.5	4
84	Comparing Ran-Out Status of Inhaled Short-Acting Beta-Agonists in Emergency Department Patients with Acute Asthma: 1996-1998 versus 2015-2017. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1999-2005.e3.	2.0	3
85	Methylxanthine use for acute asthma in the emergency department in Japan: a multicenter observational study. <i>Acute Medicine &amp; Surgery</i> , 2019, 6, 279-286.	0.5	3
86	Factors associated with successful rescue intubation attempts in the emergency department: an analysis of multicenter prospective observational study in Japan. <i>Acute Medicine &amp; Surgery</i> , 2020, 7, e462.	0.5	3
87	Association between cognitive quotient test score and hippocampal volume: a novel, rapid application-based screening tool. <i>Scientific Reports</i> , 2020, 10, 16728.	1.6	3
88	Initial assessment in emergency departments by chief complaint and respiratory rate. <i>Journal of General and Family Medicine</i> , 2021, 22, 202-208.	0.3	3
89	External validation of the POP score for predicting obstetric and gynecological diseases in the emergency department. <i>American Journal of Emergency Medicine</i> , 2022, 51, 348-353.	0.7	3
90	Does T wave inversion in lead aVL predict mid-segment left anterior descending lesions in acute coronary syndrome? A retrospective study. <i>BMJ Open</i> , 2016, 6, e010268.	0.8	2

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91	Post-Pancreaticoduodenectomy Gastrointestinal Tract Conversion Surgery for Recurrent Severe Cholangitis. Japanese Journal of Gastroenterological Surgery, 2011, 44, 44-50.	0.0	2
92	Association between intensive care unit admission of a patient and mental disorders in the spouse: a retrospective matched-pair cohort study. Journal of Intensive Care, 2021, 9, 69.	1.3	2
93	Predictive ability of the sequential organ failure assessment score for in-hospital mortality in patients with cardiac critical illnesses: a nationwide observational study. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 312-321.	0.4	2
94	A Machine Learning-Based Predictive Model to Identify Patients Who Failed to Attend a Follow-up Visit for Diabetes Care After Recommendations From a National Screening Program. Diabetes Care, 2022, 45, 1346-1354.	4.3	2
95	Web-based application for predicting the potential target phenotype for recombinant human thrombomodulin therapy in patients with sepsis: analysis of three multicentre registries. Critical Care, 2022, 26, 145.	2.5	2
96	Early ICU mobilisation predicting functional impairment at hospital discharge. Author's reply. Intensive Care Medicine, 0, , .	3.9	2
97	PARKING PRICING IN CENTRAL SHOPPING AREAS OF LOCAL CITIES. Infrastructure Planning Review, 1997, 14, 183-194.	0.1	1
98	Comparison of Effectiveness of Alcohol Septal Ablation Versus Ventricular Septal Myectomy on Acute Care Use for Cardiovascular Disease in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2019, 124, 1272-1278.	0.7	1
99	Association of heart failure duration with clinical outcomes after transcatheter mitral valve repair for functional mitral regurgitation. Catheterization and Cardiovascular Interventions, 2020, 98, E412-E419.	0.7	1
100	Association of advanced age with intubation-related adverse events in the emergency department: a multicentre prospective observational study. Emergency Medicine Journal, 2021, 38, emermed-2020-209801.	0.4	1
101	Association of Number of Physician Postgraduate Years With Patient Intubation Outcomes in the Emergency Department. JAMA Network Open, 2022, 5, e226622.	2.8	1
102	Isotonic fluid for intravenous hydration maintenance in children. Lancet, The, 2015, 386, 135.	6.3	0
103	In reply: Confounding biases in the association between fentanyl use and hypotension after rapid sequence intubation. American Journal of Emergency Medicine, 2018, 36, 1695.	0.7	0
104	Response. Chest, 2018, 154, 457-458.	0.4	0
105	Response. Chest, 2018, 154, 458-459.	0.4	0
106	Reply to: "Tracheal intubation in patients with cardiac arrest: Should we focus on success rate of intubation rather than the outcome of resuscitation?" Resuscitation, 2019, 138, 302-303.	1.3	0
107	Not Only Age, But Also Narcotic Agents and Types of Procedure Could Affect Ketamine Dosage. Journal of Emergency Medicine, 2019, 57, 730.	0.3	0
108	QRS duration is a risk indicator of adverse outcomes after MitraClip. Catheterization and Cardiovascular Interventions, 2021, 98, E594-E601.	0.7	0

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109	Accuracy and Stability of a Subcutaneous Flash Glucose Monitoring System in Critically Ill Patients. Journal of Diabetes Science and Technology, 2021, , 193229682110172.	1.3	0
110	Association of Initial Potassium Levels with the Type of Stroke in the Emergency Department. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105875.	0.7	0
111	1423: OPTIMAL TIMING OF EARLY MOBILIZATION FOR ICU PATIENTS WITH SEPSIS: AN IPW-ESTIMATED ANALYSIS. Critical Care Medicine, 2022, 50, 714-714.	0.4	0
112	1399: MACHINE LEARNING-BASED ESTIMATION OF POTENTIAL TARGETS OF POLYMYXIN-B HEMOPERFUSION USE FOR SEPSIS. Critical Care Medicine, 2022, 50, 702-702.	0.4	0