

# Ayumi Shintani

## List of Publications by Year in descending order

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114  
papers

14,591  
citations

41258

49  
h-index

25716

108  
g-index

117  
all docs

117  
docs citations

117  
times ranked

12962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Delirium as a Predictor of Mortality in Mechanically Ventilated Patients in the Intensive Care Unit. JAMA - Journal of the American Medical Association, 2004, 291, 1753.	3.8	2,441
2	Monitoring Sedation Status Over Time in ICU Patients. JAMA - Journal of the American Medical Association, 2003, 289, 2983.	3.8	1,314
3	Lorazepam Is an Independent Risk Factor for Transitioning to Delirium in Intensive Care Unit Patients. Anesthesiology, 2006, 104, 21-26.	1.3	1,102
4	Intensive care unit delirium is an independent predictor of longer hospital stay: a prospective analysis of 261 non-ventilated patients. Critical Care, 2005, 9, R375.	2.5	469
5	Patient Understanding of Food Labels. American Journal of Preventive Medicine, 2006, 31, 391-398.	1.6	447
6	Prevalence and Risk Factors for Development of Delirium in Surgical and Trauma Intensive Care Unit Patients. Journal of Trauma, 2008, 65, 34-41.	2.3	431
7	Delirium duration and mortality in lightly sedated, mechanically ventilated intensive care patients*. Critical Care Medicine, 2010, 38, 2311-2318.	0.4	414
8	Six-month neuropsychological outcome of medical intensive care unit patients. Critical Care Medicine, 2003, 31, 1226-1234.	0.4	373
9	Association of Numeracy and Diabetes Control. Annals of Internal Medicine, 2008, 148, 737.	2.0	344
10	Influence of Patient Literacy on the Effectiveness of a Primary Care-Based Diabetes Disease Management Program. JAMA - Journal of the American Medical Association, 2004, 292, 1711.	3.8	331
11	Effect of intravenous haloperidol on the duration of delirium and coma in critically ill patients (Hope-ICU): a randomised, double-blind, placebo-controlled trial. Lancet Respiratory Medicine, 2013, 1, 515-523.	5.2	324
12	Diagnosing delirium in critically ill children: Validity and reliability of the Pediatric Confusion Assessment Method for the Intensive Care Unit*. Critical Care Medicine, 2011, 39, 150-157.	0.4	298
13	Prevalence of the metabolic syndrome is increased in rheumatoid arthritis and is associated with coronary atherosclerosis. Atherosclerosis, 2008, 196, 756-763.	0.4	284
14	Effect of a Pharmacist Intervention on Clinically Important Medication Errors After Hospital Discharge. Annals of Internal Medicine, 2012, 157, 1.	2.0	271
15	Diagnosing Delirium in Older Emergency Department Patients: Validity and Reliability of the Delirium Triage Screen and the Brief Confusion Assessment Method. Annals of Emergency Medicine, 2013, 62, 457-465.	0.3	247
16	Motoric subtypes of delirium in mechanically ventilated surgical and trauma intensive care unit patients. Intensive Care Medicine, 2007, 33, 1726-1731.	3.9	240
17	Low Health Literacy Associates with Increased Mortality in ESRD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1979-1985.	3.0	226
18	High prevalence of the metabolic syndrome in patients with systemic lupus erythematosus: association with disease characteristics and cardiovascular risk factors. Annals of the Rheumatic Diseases, 2006, 66, 208-214.	0.5	219

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19	Urine Neutrophil Gelatinase-Associated Lipocalin Moderately Predicts Acute Kidney Injury in Critically Ill Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1823-1832.	3.0	211
20	Delirium in the Emergency Department: An Independent Predictor of Death Within 6 Months. <i>Annals of Emergency Medicine</i> , 2010, 56, 244-252.e1.	0.3	199
21	Inflammation-associated insulin resistance: Differential effects in rheumatoid arthritis and systemic lupus erythematosus define potential mechanisms. <i>Arthritis and Rheumatism</i> , 2008, 58, 2105-2112.	6.7	196
22	Adipocytokines are associated with radiographic joint damage in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 1906-1914.	6.7	192
23	Inflammatory mediators and premature coronary atherosclerosis in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2009, 61, 1580-1585.	6.7	192
24	Oxidative Stress and Inflammation Are Associated with Adiposity in Moderate to Severe CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 593-599.	3.0	180
25	Metagenomic Analysis Reveals Dynamic Changes of Whole Gut Microbiota in the Acute Phase of Intensive Care Unit Patients. <i>Digestive Diseases and Sciences</i> , 2016, 61, 1628-1634.	1.1	173
26	Dysfunctional High-Density Lipoprotein in Patients on Chronic Hemodialysis. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2372-2379.	1.2	172
27	Prevalence and Risk Factors for Development of Delirium in Burn Intensive Care Unit Patients. <i>Journal of Burn Care and Research</i> , 2010, 31, 706-715.	0.2	151
28	Addressing Literacy and Numeracy to Improve Diabetes Care. <i>Diabetes Care</i> , 2009, 32, 2149-2155.	4.3	142
29	Fluoroquinolone Resistance in <i>Mycobacterium tuberculosis</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 365-370.	2.5	135
30	IL-1 <sup>β</sup> Receptor Antagonist Reduces Inflammation in Hemodialysis Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 437-442.	3.0	111
31	Elevated Urinary IL-18 Levels at the Time of ICU Admission Predict Adverse Clinical Outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1497-1505.	2.2	109
32	Delirium in Older Emergency Department Patients Is an Independent Predictor of Hospital Length of Stay. <i>Academic Emergency Medicine</i> , 2011, 18, 451-457.	0.8	103
33	Consciousness monitoring in ventilated patients: bispectral EEG monitors arousal not delirium. <i>Intensive Care Medicine</i> , 2004, 30, 1537-1543.	3.9	101
34	Health communication, self-care, and treatment satisfaction among low-income diabetes patients in a public health setting. <i>Patient Education and Counseling</i> , 2015, 98, 144-149.	1.0	92
35	Increased concentration of proatherogenic inflammatory cytokines in systemic lupus erythematosus: relationship to cardiovascular risk factors. <i>Journal of Rheumatology</i> , 2006, 33, 539-45.	1.0	92
36	The Effect of Resistance Exercise to Augment Long-term Benefits of Intradialytic Oral Nutritional Supplementation in Chronic Hemodialysis Patients. , 2011, 21, 149-159.		90

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37	Delirium and Sedation Recognition Using Validated Instruments: Reliability of Bedside Intensive Care Unit Nursing Assessments from 2007 to 2010. <i>Journal of the American Geriatrics Society</i> , 2011, 59, S249-55.	1.3	86
38	Novel cardiovascular risk factors in premature coronary atherosclerosis associated with systemic lupus erythematosus. <i>Journal of Rheumatology</i> , 2008, 35, 1789-94.	1.0	86
39	Validation of the Confusion Assessment Method for the Intensive Care Unit in Older Emergency Department Patients. <i>Academic Emergency Medicine</i> , 2014, 21, 180-187.	0.8	82
40	The Effect of Cognitive Impairment on the Accuracy of the Presenting Complaint and Discharge Instruction Comprehension in Older Emergency Department Patients. <i>Annals of Emergency Medicine</i> , 2011, 57, 662-671.e2.	0.3	81
41	The Diagnostic Performance of the Richmond Agitation Sedation Scale for Detecting Delirium in Older Emergency Department Patients. <i>Academic Emergency Medicine</i> , 2015, 22, 878-882.	0.8	81
42	Serum osteoprotegerin is increased and independently associated with coronary-artery atherosclerosis in patients with rheumatoid arthritis. <i>Atherosclerosis</i> , 2007, 195, e135-e141.	0.4	69
43	Early Intervention Improves Mortality and Hospitalization Rates in Incident Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 1170-1175.	2.2	67
44	Body mass index and fat mass are the primary correlates of insulin resistance in nondiabetic stage 3-4 chronic kidney disease patients. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1642-1648.	2.2	67
45	Podocyte injury enhances filtration of liver-derived angiotensinogen and renal angiotensin II generation. <i>Kidney International</i> , 2014, 85, 1068-1077.	2.6	58
46	Effect of Pharmacist Counseling Intervention on Health Care Utilization Following Hospital Discharge: A Randomized Control Trial. <i>Journal of General Internal Medicine</i> , 2016, 31, 470-477.	1.3	58
47	The diabetes nutrition education study randomized controlled trial: A comparative effectiveness study of approaches to nutrition in diabetes self-management education. <i>Patient Education and Counseling</i> , 2016, 99, 1368-1376.	1.0	57
48	A Comparison of Novel and Commonly-Used Indices of Insulin Sensitivity in African American Chronic Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 767-774.	2.2	56
49	Adipocytokines, insulin resistance, and coronary atherosclerosis in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1259-1264.	6.7	55
50	Parent Health Literacy and "Obesogenic" Feeding and Physical Activity-Related Infant Care Behaviors. <i>Journal of Pediatrics</i> , 2014, 164, 577-583.e1.	0.9	55
51	Effect of Omega-Three Polyunsaturated Fatty Acids on Inflammation, Oxidative Stress, and Recurrence of Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2015, 115, 196-201.	0.7	52
52	Amino-terminal fragment of the prohormone brain-type natriuretic peptide in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2662-2669.	6.7	50
53	Interaction between Maternal Prepregnancy Body Mass Index and Gestational Weight Gain Shapes Infant Growth. <i>Academic Pediatrics</i> , 2014, 14, 463-470.	1.0	50
54	Validity of a Modified Sequential Organ Failure Assessment Score Using the Richmond Agitation-Sedation Scale. <i>Critical Care Medicine</i> , 2016, 44, 138-146.	0.4	49

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55	High Proportion of Fluoroquinolone-Resistant Mycobacterium tuberculosis Isolates with Novel Gyrase Polymorphisms and a <i>gyrA</i> Region Associated with Fluoroquinolone Susceptibility. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1390-1396.	1.8	48
56	A longitudinal retrospective study of the analysis of the risk factors of implant failure by the application of generalized estimating equations. <i>Journal of Prosthodontic Research</i> , 2015, 59, 178-184.	1.1	46
57	Determinants of C-reactive protein in chronic hemodialysis patients: Relevance of dialysis catheter utilization. <i>Hemodialysis International</i> , 2008, 12, 236-243.	0.4	45
58	Increased augmentation index in rheumatoid arthritis and its relationship to coronary artery atherosclerosis. <i>Journal of Rheumatology</i> , 2007, 34, 2388-94.	1.0	41
59	Macrophage activation and coronary atherosclerosis in systemic lupus erythematosus and rheumatoid arthritis. <i>Arthritis Care and Research</i> , 2011, 63, 535-541.	1.5	39
60	Association of Epicardial Adipose Tissue With Cardiometabolic Risk and Metabolic Syndrome in Patients With Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , 2013, 65, 1410-1415.	1.5	38
61	Peroxisome proliferator-activated receptor $\beta$ agonist effect on rheumatoid arthritis: a randomized controlled trial. <i>Arthritis Research and Therapy</i> , 2013, 15, R110.	1.6	37
62	Distinct injury markers for the early detection and prognosis of incident acute kidney injury in critically ill adults with preserved kidney function. <i>Kidney International</i> , 2013, 84, 786-794.	2.6	36
63	A pragmatic method for transforming clinical research data from the research electronic data capture $\rightarrow$ REDCap $\rightarrow$ Clinical Data Interchange Standards Consortium (CDISC) Study Data Tabulation Model (SDTM): Development and evaluation of REDCap2SDTM. <i>Journal of Biomedical Informatics</i> , 2017, 70, 65-76.	2.5	36
64	Epicardial adipose tissue is increased in patients with systemic lupus erythematosus. <i>Atherosclerosis</i> , 2012, 223, 389-393.	0.4	34
65	Highly Sensitive C-Reactive Protein, Body Mass Index, and Serum Lipids in HIV-Infected Persons Receiving Antiretroviral Therapy: A Longitudinal Study. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2009, 52, 480-487.	0.9	32
66	Effects of Combination Tocopherols and Alpha Lipoic Acid Therapy on Oxidative Stress and Inflammatory Biomarkers in Chronic Kidney Disease. , 2011, 21, 211-218.		32
67	Reliability and validity assessment of the Japanese version of the Confusion Assessment Method for the Intensive Care Unit (CAM-ICU). <i>Intensive and Critical Care Nursing</i> , 2015, 31, 165-170.	1.4	29
68	Inflammation and Hypertension in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2013, 40, 1806-1811.	1.0	28
69	A quick and easy delirium assessment for nonphysician research personnel. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1031-1036.	0.7	28
70	Free fatty acids are associated with insulin resistance but not coronary artery atherosclerosis in rheumatoid arthritis. <i>Atherosclerosis</i> , 2011, 219, 869-874.	0.4	25
71	Impaired arousal at initial presentation predicts 6-month mortality: An analysis of 1084 acutely ill older patients. <i>Journal of Hospital Medicine</i> , 2014, 9, 772-778.	0.7	23
72	Reversing Vascular Dysfunction in Rheumatoid Arthritis: Improved Augmentation Index but Not Endothelial Function With Peroxisome Proliferator-Activated Receptor $\beta$ Agonist Therapy. <i>Arthritis and Rheumatology</i> , 2014, 66, 2331-2338.	2.9	22

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73	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
74	Delirium and coma evaluated in mechanically ventilated patients in the intensive care unit in Japan: A multi-institutional prospective observational study. <i>Journal of Critical Care</i> , 2014, 29, 472.e1-472.e5.	1.0	20
75	Health Literacy and Injury Prevention Behaviors Among Caregivers of Infants. <i>American Journal of Preventive Medicine</i> , 2014, 46, 449-456.	1.6	20
76	Gut Dysbiosis Associated with Antibiotics and Disease Severity and Its Relation to Mortality in Critically Ill Patients. <i>Digestive Diseases and Sciences</i> , 2022, 67, 2420-2432.	1.1	19
77	Cystatin C, Renal Function, and Atherosclerosis in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2011, 38, 2297-2300.	1.0	17
78	The Correlation of Skeletal and Cardiac Muscle Dysfunction in Duchenne Muscular Dystrophy. <i>Journal of Neuromuscular Diseases</i> , 2016, 3, 91-99.	1.1	17
79	Positive correlation between pancreatic volume and post-ERCP retrograde cholangiopancreatography pancreatitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 769-776.	1.4	17
80	Preliminary Efficacy of Group Medical Nutrition Therapy and Motivational Interviewing among Obese African American Women with Type 2 Diabetes: A Pilot Study. <i>Journal of Obesity</i> , 2014, 2014, 1-7.	1.1	15
81	Net cholesterol efflux capacity of HDL enriched serum and coronary atherosclerosis in rheumatoid arthritis. <i>IJC Metabolic &amp; Endocrine</i> , 2016, 13, 6-11.	0.5	15
82	Impact of Pancreas Transplantation on the Patient Survival—An Analysis of the Japanese Pancreas Transplants Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 2134.	1.0	14
83	Disentangling Associations Between Serum Muscle Biomarkers and Sarcopenia in the Presence of Pain and Inflammation Among Patients With Osteoarthritis. <i>Journal of Clinical Rheumatology</i> , 2021, 27, 56-63.	0.5	14
84	Telomere Length and Coronary Atherosclerosis in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2016, 43, 1469-1474.	1.0	13
85	A Multicenter Retrospective Study of Elective Neck Dissection for T1-2N0M0 Tongue Squamous Cell Carcinoma: Analysis Using Propensity Score-Matching. <i>Annals of Surgical Oncology</i> , 2019, 26, 555-563.	0.7	13
86	Comparison of 1-year recurrence-free survival between sevoflurane and propofol use for general anesthesia management in primary breast cancer surgery. <i>Journal of Anesthesia</i> , 2020, 34, 694-701.	0.7	13
87	Serological Testing Reveals the Hidden COVID-19 Burden among Health Care Workers Experiencing a SARS-CoV-2 Nosocomial Outbreak. <i>Microbiology Spectrum</i> , 2021, 9, e0108221.	1.2	13
88	Determinants of Plasma Adiponectin Levels in Nondiabetic Subjects With Moderate to Severe Chronic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 99, 197-203.		12
89	Administration of IL-1ra improves adiponectin levels in chronic hemodialysis patients. <i>Journal of Nephrology</i> , 2014, 27, 681-688.	0.9	12
90	Efficacy of a concomitant elemental diet to reduce the loss of response to adalimumab in patients with intractable Crohn's disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 631-637.	1.4	11

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91	Primer of statistics in dental research: Part II. <i>Journal of Prosthodontic Research</i> , 2014, 58, 85-91.	1.1	10
92	Predictors of postoperative bleeding after vitrectomy for vitreous hemorrhage in patients with diabetic retinopathy. <i>Journal of Diabetes Investigation</i> , 2018, 9, 940-945.	1.1	10
93	Measurement and Correlation of Indices of Insulin Resistance in Patients on Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , 2016, 36, 433-441.	1.1	8
94	The Impact of Lymphopenia on Delirium in ICU Patients. <i>PLoS ONE</i> , 2015, 10, e0126216.	1.1	8
95	A Pilot Study of Active Vitamin D Administration and Insulin Resistance in African American Patients Undergoing Chronic Hemodialysis. , 2013, 23, 185-193.		7
96	Exploring the Utility of Ultra-Brief Delirium Assessments in a Nonintensive Care Geriatric Population: The GEM Study. <i>Gerontologist</i> , The, 2013, 53, 1051-1055.	2.3	7
97	Public attitudes in Japan toward participation in whole genome sequencing studies. <i>Human Genomics</i> , 2018, 12, 21.	1.4	7
98	Identifying Septic Shock Populations Benefitting From Polymyxin B Hemoperfusion: A Prospective Cohort Study Incorporating a Restricted Cubic Spline Regression Model. <i>Shock</i> , 2020, 54, 667-674.	1.0	7
99	Impact of Consultation Length on Satisfaction in Patients with Chronic Low Back Pain: A Nationwide Multicenter Study in Japan. <i>Spine Surgery and Related Research</i> , 2020, 4, 208-215.	0.4	6
100	Primer of statistics in dental research: Part I. <i>Journal of Prosthodontic Research</i> , 2014, 58, 11-16.	1.1	5
101	Evaluating the Effect on Mortality of a No-Tranexamic acid (TXA) Policy for Cardiovascular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1627-1634.	0.6	5
102	Crosstalk Between NDP52 and LUBAC in Innate Immune Responses, Cell Death, and Xenophagy. <i>Frontiers in Immunology</i> , 2021, 12, 635475.	2.2	5
103	Quick risk assessment profile (qRAP) is a prediction model for post-traumatic venous thromboembolism. <i>Injury</i> , 2019, 50, 1540-1544.	0.7	4
104	Effect of long-term rigid gas-permeable contact lens wear on keratoconus progression. <i>British Journal of Ophthalmology</i> , 2021, 105, 186-190.	2.1	4
105	Delirium and mortality risk prediction: a story in evolution. <i>Critical Care</i> , 2010, 14, 449.	2.5	3
106	Safety and Efficacy of Tandem Hemodialysis and Selective Plasma Exchange in Pretransplant Desensitization of ABO-Incompatible Kidney Transplantation. <i>Blood Purification</i> , 2021, 50, 829-836.	0.9	3
107	Why participation in an international clinical trial platform matters during a pandemic? Launching REMAP-CAP in Japan. <i>Journal of Intensive Care</i> , 2021, 9, 34.	1.3	3
108	Association of the Yips and Musculoskeletal Problems in Highly Skilled Golfers: A Large Scale Epidemiological Study in Japan. <i>Sports</i> , 2021, 9, 71.	0.7	3

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109	Estimating the treatment effect with propensity score when the effect varies by patient characteristics: A case study and simulation. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 2022, 8, 368-380.	0.3	2
110	Antiplatelet therapy and future intracerebral hemorrhage in hemodialysis patients with cerebral microbleeds. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 155-160.	0.8	1
111	Efficacy, safety, and adherence of tocilizumab therapy in elderly patients with rheumatoid arthritis: A real-world observational study. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110457.	0.2	1
112	FP638CHANGES IN PRACTICE PATTERNS IN JAPAN FROM BEFORE TO AFTER JSDT 2013 GUIDELINES ON HEMODIALYSIS PRESCRIPTIONS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i258-i258.	0.4	0
113	Impact of stroke history on the presence of cerebral microbleeds in hemodialysis patients. <i>BMC Neurology</i> , 2021, 21, 311.	0.8	0
114	Preferential Hypermethylation of the DKK-1 Promoter in Core-Binding Factor Leukaemia.. <i>Blood</i> , 2007, 110, 4136-4136.	0.6	0