

Kuniya Asai

List of Publications by Year in descending order

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86
papers

1,983
citations

279798

23
h-index

276875

41
g-index

92
all docs

92
docs citations

92
times ranked

3348
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute decompensated heart failure syndromes (ATTEND) registry. A prospective observational multicenter cohort study: Rationale, design, and preliminary data. <i>American Heart Journal</i> , 2010, 159, 949-955.e1.	2.7	213
2	Depressed Heart Rate Variability and Arterial Baroreflex in Conscious Transgenic Mice With Overexpression of Cardiac G _s . <i>Circulation Research</i> , 1998, 82, 416-423.	4.5	146
3	The prognostic impact of malnutrition in patients with severely decompensated acute heart failure, as assessed using the Prognostic Nutritional Index (PNI) and Controlling Nutritional Status (CONUT) score. <i>Heart and Vessels</i> , 2018, 33, 134-144.	1.2	113
4	Î ₂ -Adrenergic receptor blockade arrests myocyte damage and preserves cardiac function in the transgenic G _s mouse. <i>Journal of Clinical Investigation</i> , 1999, 104, 551-558.	8.2	113
5	Effects of empagliflozin versus placebo on cardiac sympathetic activity in acute myocardial infarction patients with type 2 diabetes mellitus: the EMBODY trial. <i>Cardiovascular Diabetology</i> , 2020, 19, 148.	6.8	101
6	Autophagic vacuoles in cardiomyocytes of dilated cardiomyopathy with initially decompensated heart failure predict improved prognosis. <i>Autophagy</i> , 2016, 12, 579-587.	9.1	86
7	Hyponatremia and In-Hospital Mortality in Patients Admitted for Heart Failure (from the ATTEND) $T_j ETQq1 1 0.784314 \text{ rgBT} / \text{Overlock} 1$	1.6	75
8	Validation of wearable textile electrodes for ECG monitoring. <i>Heart and Vessels</i> , 2019, 34, 1203-1211.	1.2	62
9	Beta-adrenergic receptor G protein-adenylyl cyclase signal transduction in the failing heart. <i>American Journal of Cardiology</i> , 1999, 83, 80-85.	1.6	52
10	Effects of a Pure .ALPHA./BETA.-Adrenergic Receptor Blocker on Monocrotaline-Induced Pulmonary Arterial Hypertension With Right Ventricular Hypertrophy in Rats. <i>Circulation Journal</i> , 2009, 73, 2337-2341.	1.6	46
11	Impact of β-blocker selectivity on long-term outcomes in congestive heart failure patients with chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2015, 10, 515.	2.3	43
12	Clinical profile, management, and mortality in very-elderly patients hospitalized with acute decompensated heart failure: An analysis from the ATTEND registry. <i>European Journal of Internal Medicine</i> , 2016, 27, 80-85.	2.2	43
13	Worsening renal function definition is insufficient for evaluating acute renal failure in acute heart failure. <i>ESC Heart Failure</i> , 2018, 5, 322-331.	3.1	41
14	The prognostic impact of uric acid in patients with severely decompensated acute heart failure. <i>Journal of Cardiology</i> , 2016, 68, 384-391.	1.9	38
15	Effects of long-term treatment for obstructive sleep apnea on pulse wave velocity. <i>Hypertension Research</i> , 2010, 33, 844-849.	2.7	31
16	Elevated peripheral blood mononuclear cell count is an independent predictor of left ventricular remodeling in patients with acute myocardial infarction. <i>Journal of Cardiology</i> , 2011, 57, 202-207.	1.9	30
17	Differential regulation of inotropy and lusitropy in overexpressed G _s myocytes through cAMP and Ca ²⁺ channel pathways. <i>Journal of Clinical Investigation</i> , 1999, 103, 1089-1097.	8.2	30
18	Accelerated Cardiomyopathy in Mice With Overexpression of Cardiac G _s and a Missense Mutation in the Î ₂ -Myosin Heavy Chain. <i>Circulation</i> , 2002, 105, 614-620.	1.6	29

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19	Ultrastructural features of cardiomyocytes in dilated cardiomyopathy with initially decompensated heart failure as a predictor of prognosis. <i>European Heart Journal</i> , 2015, 36, 724-732.	2.2	29
20	Determinants of the Cardiomyopathic Phenotype in Chimeric Mice Overexpressing Cardiac Gs1±. <i>Circulation Research</i> , 2000, 86, 802-806.	4.5	28
21	New scoring system (APACHE-HF) for predicting adverse outcomes in patients with acute heart failure: Evaluation of the APACHE II and Modified APACHE II scoring systems. <i>Journal of Cardiology</i> , 2014, 64, 441-449.	1.9	28
22	Clinical significance of acid-base balance in an emergency setting in patients with acute heart failure. <i>Journal of Cardiology</i> , 2012, 60, 288-294.	1.9	26
23	Optical coherence tomography after new scoring balloon angioplasty for in-stent restenosis and de novo coronary lesions. <i>International Journal of Cardiology</i> , 2010, 141, e51-e53.	1.7	25
24	Association between length of stay, frequency of in-hospital death, and causes of death in Japanese patients with acute heart failure syndromes. <i>International Journal of Cardiology</i> , 2013, 168, 554-556.	1.7	25
25	Association between the body mass index and the clinical findings in patients with acute heart failure: evaluation of the obesity paradox in patients with severely decompensated acute heart failure. <i>Heart and Vessels</i> , 2017, 32, 600-608.	1.2	23
26	Evaluation of myocardial glucose metabolism in hypertrophic cardiomyopathy using 18F-fluorodeoxyglucose positron emission tomography. <i>PLoS ONE</i> , 2017, 12, e0188479.	2.5	22
27	Clinical Significance of Matrix Metalloproteinase (MMP)-2 in Patients With Acute Heart Failure. <i>International Heart Journal</i> , 2010, 51, 404-410.	1.0	21
28	Trends and predictors of non-cardiovascular death in patients hospitalized for acute heart failure. <i>International Journal of Cardiology</i> , 2018, 250, 164-170.	1.7	20
29	Predicting the success of noninvasive positive pressure ventilation in emergency room for patients with acute heart failure. <i>Journal of Cardiology</i> , 2011, 57, 107-114.	1.9	19
30	Impact of Brain Natriuretic Peptide, Calcium Channel Blockers, and Body Mass Index on Recovery Time from Left Ventricular Systolic Dysfunction in Patients With Takotsubo Cardiomyopathy. <i>American Journal of Cardiology</i> , 2015, 116, 515-519.	1.6	18
31	COPD advances in left ventricular diastolic dysfunction. <i>International Journal of COPD</i> , 2016, 11, 649.	2.3	18
32	Admission time, variability in clinical characteristics, and in-hospital outcomes in acute heart failure syndromes: Findings from the ATTEND registry. <i>International Journal of Cardiology</i> , 2011, 153, 102-105.	1.7	17
33	Prognostic values of highly sensitive cardiac troponin T and B-type natriuretic peptide for clinical features in hypertrophic obstructive cardiomyopathy: a cross-sectional study. <i>BMJ Open</i> , 2014, 4, e005968-e005968.	1.9	17
34	The prognostic impact of gender in patients with acute heart failure – An evaluation of the age of female patients with severely decompensated acute heart failure. <i>Journal of Cardiology</i> , 2017, 70, 255-262.	1.9	17
35	Are atherosclerotic risk factors associated with a poor prognosis in patients with hyperuricemic acute heart failure? The evaluation of the causal dependence of acute heart failure and hyperuricemia. <i>Heart and Vessels</i> , 2017, 32, 436-445.	1.2	16
36	Relationship of postcontrast myocardial T1 value and delayed enhancement to reduced cardiac function and serious arrhythmia in dilated cardiomyopathy with left ventricular ejection fraction less than 35%. <i>Acta Radiologica</i> , 2016, 57, 430-436.	1.1	15

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37	Plasma xanthine oxidoreductase activity in patients with decompensated acute heart failure requiring intensive care. <i>ESC Heart Failure</i> , 2019, 6, 336-343.	3.1	15
38	Efficacy and safety of nicorandil therapy in patients with acute heart failure. <i>Journal of Cardiology</i> , 2010, 56, 339-347.	1.9	14
39	Immediate administration of atorvastatin decreased the serum MMP-2 level and improved the prognosis for acute heart failure. <i>Journal of Cardiology</i> , 2012, 59, 374-382.	1.9	14
40	Superiority of the extracellular volume fraction over the myocardial T1 value for the assessment of myocardial fibrosis in patients with non-ischemic cardiomyopathy. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1141-1145.	1.8	14
41	Association between the visiting time and the clinical findings on admission in patients with acute heart failure. <i>Journal of Cardiology</i> , 2013, 61, 210-215.	1.9	13
42	Incidence and predictors of in-hospital non-cardiac death in patients with acute heart failure. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 441-449.	1.0	13
43	Three-dimensional Cardiac MR Imaging: Related Techniques and Clinical Applications. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 183-189.	2.0	13
44	Low admission heart rate is a marker rather than a mediator of increased in-hospital mortality for patients with acute heart failure syndromes in sinus rhythm. <i>International Journal of Cardiology</i> , 2014, 171, 98-100.	1.7	12
45	Non-contrast-enhanced T1-weighted Mapping of Dilated Cardiomyopathy: Comparison between Native T1-weighted Values and Late Gadolinium Enhancement. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 12-18.	2.0	12
46	Plaque Characteristics in Coronary Artery Disease Patients with Impaired Glucose Tolerance. <i>PLoS ONE</i> , 2016, 11, e0167645.	2.5	12
47	The serum heart-type fatty acid-binding protein (HFABP) levels can be used to detect the presence of acute kidney injury on admission in patients admitted to the non-surgical intensive care unit. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 174.	1.7	11
48	Clinical Usefulness of Urinary Liver Fatty Acid-Binding Protein Excretion for Predicting Acute Kidney Injury during the First 7 Days and the Short-Term Prognosis in Acute Heart Failure Patients with Non-Chronic Kidney Disease. <i>CardioRenal Medicine</i> , 2017, 7, 301-315.	1.9	11
49	Social determinants are crucial factors in the long-term prognosis of severely decompensated acute heart failure in patients over 75 years of age. <i>Journal of Cardiology</i> , 2018, 72, 140-148.	1.9	11
50	Chronic obstructive pulmonary disease and β -blocker treatment in Asian patients with heart failure. <i>ESC Heart Failure</i> , 2018, 5, 297-305.	3.1	11
51	Seasonal variation in patients with acute heart failure: prognostic impact of admission in the summer. <i>Heart and Vessels</i> , 2015, 30, 193-203.	1.2	9
52	Extracellular volume fraction assessed using cardiovascular magnetic resonance can predict improvement in left ventricular ejection fraction in patients with dilated cardiomyopathy. <i>Heart and Vessels</i> , 2018, 33, 1195-1203.	1.2	9
53	β -Adrenergic Receptor Agonist Prevents Diastolic Dysfunction in an Angiotensin II-Induced Cardiomyopathy Mouse Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 473-481.	2.5	9
54	Empagliflozin confers renal protection in acute myocardial infarction and type 2 diabetes mellitus. <i>ESC Heart Failure</i> , 2021, 8, 4161-4173.	3.1	9

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55	Effect of Empagliflozin Versus Placebo on Body Fluid Balance in Patients With Acute Myocardial Infarction and Type 2 Diabetes Mellitus: Subgroup Analysis of the EMBODY Trial. <i>Journal of Cardiac Failure</i> , 2021, . .	1.7	9
56	Angioscopic Study of Silent Plaque Disruption in Nonischemic Related Coronary Artery in Patients With Stable Ischemic Heart Disease. <i>International Heart Journal</i> , 2010, 51, 383-387.	1.0	7
57	Pancreatic developmental defect evaluated by celiac artery angiography in a patient with MODY5. <i>Human Genome Variation</i> , 2016, 3, 16022.	0.7	6
58	Effect of Empagliflozin Versus Placebo on Plasma Volume Status in Patients with Acute Myocardial Infarction and Type 2 Diabetes Mellitus. <i>Diabetes Therapy</i> , 2021, 12, 2241-2248.	2.5	6
59	Coronary angiography: current topics and future direction. <i>Cardiovascular Intervention and Therapeutics</i> , 2011, 26, 89-97.	2.3	5
60	Crystalline cardiomyopathy due to secondary oxalosis after short-bowel syndrome and end-stage renal failure. <i>Clinical Research in Cardiology</i> , 2016, 105, 714-716.	3.3	5
61	Long-term prognostic value of ultrastructural features in dilated cardiomyopathy: comparison with cardiac magnetic resonance. <i>ESC Heart Failure</i> , 2020, 7, 682-691.	3.1	5
62	Type III procollagen peptide level can indicate liver dysfunction associated with volume overload in acute heart failure. <i>ESC Heart Failure</i> , 2022, 9, 1832-1843.	3.1	5
63	Fast 3-Breath-Hold 3-Dimensional Tagging Cardiac Magnetic Resonance in Patients with Hypertrophic Myocardial Diseases: A Feasibility Study. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	4
64	Decreased blood glucose at admission has a prognostic impact in patients with severely decompensated acute heart failure complicated with diabetes mellitus. <i>Heart and Vessels</i> , 2018, 33, 1008-1021.	1.2	4
65	Percutaneous transluminal septal myocardial ablation for hypertrophic obstructive cardiomyopathy through non-left anterior descending septal perforators. <i>Heart and Vessels</i> , 2020, 35, 647-654.	1.2	4
66	Characteristics of Patients with an Abnormally Decreased Plasma Xanthine Oxidoreductase Activity in Acute Heart Failure Who Visited the Emergency Department. <i>Cardiology</i> , 2020, 145, 473-480.	1.4	4
67	The prognostic impact of the serum heart-type fatty acid-binding protein level in patients with sepsis who were admitted to the non-surgical intensive-care unit. <i>Heart and Vessels</i> , 2021, 36, 1765-1774.	1.2	4
68	Impact of beta-blocker use on the long-term outcomes of heart failure patients with chronic obstructive pulmonary disease. <i>ESC Heart Failure</i> , 2021, 8, 3791-3799.	3.1	4
69	The Influence of a Direct Renin Inhibitor on the Central Blood Pressure. <i>Journal of Nippon Medical School</i> , 2013, 80, 25-33.	0.9	4
70	Prognostic benefit of maintaining the hemoglobin level during the acute phase in patients with severely decompensated acute heart failure. <i>Heart and Vessels</i> , 2018, 33, 264-278.	1.2	3
71	Time-dependent changes in plasma xanthine oxidoreductase during hospitalization of acute heart failure. <i>ESC Heart Failure</i> , 2021, 8, 595-604.	3.1	3
72	Comparison of a novel calcium channel agonist and dobutamine in conscious dogs with heart failure. <i>Journal of the American College of Cardiology</i> , 1996, 27, 27.	2.8	2

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73	Importance of the Corrected Calcium Level in Patients With Acute Heart Failure Requiring Intensive Care. <i>Circulation Reports</i> , 2021, 3, 44-54.	1.0	2
74	Myocardial ultrastructure can augment genetic testing for sporadic dilated cardiomyopathy with initial heart failure. <i>ESC Heart Failure</i> , 2021, 8, 5178-5191.	3.1	2
75	Cardiovascular Physiology in Mice: Conscious Measurements and Effects of Anesthesia. <i>Developments in Cardiovascular Medicine</i> , 2001, , 257-275.	0.1	2
76	Nitric oxide modulates myocardial oxygen consumption and attenuates the decline in contractility seen in conscious dogs during rapid ventricular pacing. <i>Journal of Cardiac Failure</i> , 1998, 4, 11.	1.7	0
77	Impacts of "Warm & Wet"™ and "Cold & Wet"™ on Clinical Evaluations in the Real-World Acute Heart Failure Syndromes Patients: Data from Attend Registry. <i>Journal of Cardiac Failure</i> , 2009, 15, S81-S82.	1.7	0
78	Response to letter regarding article, "The prognostic impact of uric acid in patients with severely decompensated acute heart failure". <i>Journal of Cardiology</i> , 2017, 70, 200.	1.9	0
79	Prognostic benefit of acute heart failure associated with atherosclerosis: the importance of prehospital medication in patients with severely decompensated acute heart failure. <i>Heart and Vessels</i> , 2018, 33, 1496-1504.	1.2	0
80	Effect of Gonadectomy and Angiotensin II Receptor Blockade in a Mouse Model of Isoproterenol-induced Cardiac Diastolic Dysfunction. <i>Journal of Nippon Medical School</i> , 2021, 88, 113-120.	0.9	0
81	Effect of Topiroxostat on Brain Natriuretic Peptide Level in Patients with Heart Failure with Preserved Ejection Fraction: A Pilot Study. <i>Journal of Nippon Medical School</i> , 2021, 88, 423-431.	0.9	0
82	Does inhibition of coronary nitric oxide synthesis alter coronary vascular tone in normal dogs?. <i>Nippon Medical School Journal</i> , 1996, 63, 154-160.	0.0	0
83	Autophagic Vacuoles in Cardiomyocytes of Patient with Dilated Cardiomyopathy. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2016, 12, 76-77.	0.0	0
84	Referred Pain of Upper Limbs Caused by Ischemic Heart Disease. <i>Spinal Surgery</i> , 2018, 32, 130-133.	0.0	0
85	An Atypical Case of IgG4-related Disease Diagnosed by Massive Pericardial Effusion. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2018, 107, 1357-1364.	0.0	0
86	Clinical Features of Acute Heart Failure During Sleep" " Prognostic Impact of a Prodrome in Patients With Severely Decompensated Acute Heart Failure Admitted at Midnight or Early Morning ". <i>Circulation Reports</i> , 2019, 1, 61-70.	1.0	0