

Takeshi Kitai

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

4,098
citations

218677

26
h-index

123424

61
g-index

87
all docs

87
docs citations

87
times ranked

5880
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Gut Microbiota in Cardiovascular Health and Disease. <i>Circulation Research</i> , 2017, 120, 1183-1196. | 4.5 | 1,079 |
| 2 | Artificial Intelligence in Precision Cardiovascular Medicine. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2657-2664. | 2.8 | 643 |
| 3 | Time-to-Furosemide Treatment and Mortality in Patients Hospitalized With Acute Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 69, 3042-3051. | 2.8 | 235 |
| 4 | Machine learning prediction in cardiovascular diseases: a meta-analysis. <i>Scientific Reports</i> , 2020, 10, 16057. | 3.3 | 182 |
| 5 | 9-Year Trend in the Management of Acute Heart Failure in Japan: A Report From the National Consortium of Acute Heart Failure Registries. <i>Journal of the American Heart Association</i> , 2018, 7, e008687. | 3.7 | 146 |
| 6 | Clinical Outcomes of Medical Therapy and Timely Operation in Initially Diagnosed Type A Aortic Intramural Hematoma. <i>Circulation</i> , 2009, 120, S292-8. | 1.6 | 141 |
| 7 | Prevalence and prognostic impact of the coexistence of multiple frailty domains in elderly patients with heart failure: the FRAGILE-HF cohort study. <i>European Journal of Heart Failure</i> , 2020, 22, 2112-2119. | 7.1 | 118 |
| 8 | Impact of New Development of Ulcer-Like Projection on Clinical Outcomes in Patients With Type B Aortic Dissection With Closed and Thrombosed False Lumen. <i>Circulation</i> , 2010, 122, S74-80. | 1.6 | 92 |
| 9 | Demographics, Management, and In-Hospital Outcome of Hospitalized Acute Heart Failure Syndrome Patients in Contemporary Real Clinical Practice in Japan: Observations From the Prospective, Multicenter Kyoto Congestive Heart Failure (KCHF) Registry. <i>Circulation Journal</i> , 2018, 82, 2811-2819. | 1.6 | 90 |
| 10 | Detection of Intimal Defect by 64-Row Multidetector Computed Tomography in Patients With Acute Aortic Intramural Hematoma. <i>Circulation</i> , 2011, 124, S174-8. | 1.6 | 86 |
| 11 | Intrarenal Venous Flow. <i>JACC: Heart Failure</i> , 2016, 4, 683-686. | 4.1 | 79 |
| 12 | Exploring the Microbiome in Heart Failure. <i>Current Heart Failure Reports</i> , 2016, 13, 103-109. | 3.3 | 67 |
| 13 | Impact of sarcopenia on prognosis in patients with heart failure with reduced and preserved ejection fraction. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1022-1029. | 1.8 | 66 |
| 14 | Red blood cell distribution width as a prognostic marker in patients with heart failure and diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2017, 16, 81. | 6.8 | 65 |
| 15 | Gut microbiota in cardiovascular disease and heart failure. <i>Clinical Science</i> , 2018, 132, 85-91. | 4.3 | 63 |
| 16 | Association with Controlling Nutritional Status (CONUT) Score and In-hospital Mortality and Infection in Acute Heart Failure. <i>Scientific Reports</i> , 2020, 10, 3320. | 3.3 | 52 |
| 17 | Clinical outcomes in non-surgically managed patients with very severe versus severe aortic stenosis. <i>Heart</i> , 2011, 97, 2029-2032. | 2.9 | 48 |
| 18 | Association of Mineralocorticoid Receptor Antagonist Use With All-Cause Mortality and Hospital Readmission in Older Adults With Acute Decompensated Heart Failure. <i>JAMA Network Open</i> , 2019, 2, e195892. | 5.9 | 48 |

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|----|---|-----|-----------|
| 19 | Effect of Optimizing Guideline-Directed Medical Therapy Before Discharge on Mortality and Heart Failure Readmission in Patients Hospitalized With Heart Failure With Reduced Ejection Fraction. <i>American Journal of Cardiology</i> , 2018, 121, 969-974. | 1.6 | 47 |
| 20 | Sudden Death in Patients With Severe Aortic Stenosis: Observations From the CURRENT AS Registry. <i>Journal of the American Heart Association</i> , 2018, 7, . | 3.7 | 43 |
| 21 | Kyoto Congestive Heart Failure (KCHF) study: rationale and design. <i>ESC Heart Failure</i> , 2017, 4, 216-223. | 3.1 | 39 |
| 22 | Acute Heart Failure in Patients With Severe Aortic Stenosis—Insights From the CURRENT AS Registry. <i>Circulation Journal</i> , 2018, 82, 874-885. | 1.6 | 39 |
| 23 | Circulating intestinal fatty acid-binding protein (I-FABP) levels in acute decompensated heart failure. <i>Clinical Biochemistry</i> , 2017, 50, 491-495. | 1.9 | 34 |
| 24 | Impact of aortic regurgitation on the prognosis of severe aortic stenosis. <i>Heart</i> , 2012, 98, 1591-1594. | 2.9 | 33 |
| 25 | Risk stratification of patients with cardiac sarcoidosis: the ILLUMINATE-CS registry. <i>European Heart Journal</i> , 2022, 43, 3450-3459. | 2.2 | 33 |
| 26 | Prognostic Value of BNP Reduction During Hospitalization in Patients With Acute Heart Failure. <i>Journal of Cardiac Failure</i> , 2019, 25, 712-721. | 1.7 | 28 |
| 27 | Clinical and Prognostic Values of ALBI Score in Patients With Acute Heart Failure. <i>Heart Lung and Circulation</i> , 2020, 29, 1328-1337. | 0.4 | 28 |
| 28 | Diabetes Mellitus and Heart Failure. <i>Journal of Clinical Medicine</i> , 2021, 10, 3682. | 2.4 | 27 |
| 29 | Insufficient reduction in heart rate during hospitalization despite beta-blocker treatment in acute decompensated heart failure: insights from the ASCEND-HF trial. <i>European Journal of Heart Failure</i> , 2017, 19, 241-249. | 7.1 | 22 |
| 30 | Clinical and Biomarker Profiles and Prognosis of Elderly Patients With Coronavirus Disease 2019 (COVID-19) With Cardiovascular Diseases and/or Risk Factors. <i>Circulation Journal</i> , 2021, 85, 921-928. | 1.6 | 22 |
| 31 | Pokémon Go: digital health interventions to reduce cardiovascular risk. <i>Cardiology in the Young</i> , 2017, 27, 1625-1626. | 0.8 | 20 |
| 32 | Pharmacogenomics of angiotensin receptor/neprilysin inhibitor and its long-term side effects. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12272. | 2.5 | 20 |
| 33 | Outcomes of early surgery for infective endocarditis with moderate cerebral complications. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 831-840.e8. | 0.8 | 20 |
| 34 | Very Early Diuretic Response After Admission for Acute Heart Failure. <i>Journal of Cardiac Failure</i> , 2019, 25, 12-19. | 1.7 | 18 |
| 35 | Sarcopenic obesity is associated with impaired physical function and mortality in older patients with heart failure: insight from FRAGILE-HF. <i>BMC Geriatrics</i> , 2022, 22, . | 2.7 | 17 |
| 36 | The Clinical Significance of Cerebral Microbleeds in Infective Endocarditis Patients. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 51-58. | 0.6 | 16 |

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|----|---|-----|-----------|
| 37 | Timing of valve repair for severe degenerative mitral regurgitation and long-term left ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1978-1982. | 0.8 | 15 |
| 38 | C-reactive protein at discharge and 1-year mortality in hospitalised patients with acute decompensated heart failure: an observational study. <i>BMJ Open</i> , 2020, 10, e041068. | 1.9 | 15 |
| 39 | Cognitive impairment measured by Mini-Cog provides additive prognostic information in elderly patients with heart failure. <i>Journal of Cardiology</i> , 2020, 76, 350-356. | 1.9 | 14 |
| 40 | Impact of early treatment with intravenous vasodilators and blood pressure reduction in acute heart failure. <i>Open Heart</i> , 2018, 5, e000845. | 2.3 | 13 |
| 41 | Effect of early intensive rehabilitation on the clinical outcomes of patients with acute stroke. <i>Geriatrics and Gerontology International</i> , 2021, 21, 623-628. | 1.5 | 13 |
| 42 | Early Surgery vs. Surgery After Watchful Waiting for Asymptomatic Severe Aortic Stenosis. <i>Circulation Journal</i> , 2018, 82, 2663-2671. | 1.6 | 12 |
| 43 | Recent advances in treatment of heart failure. <i>F1000Research</i> , 2015, 4, 1475. | 1.6 | 11 |
| 44 | Impact of Ultrafiltration on Serum Sodium Homeostasis and its Clinical Implication in Patients With Acute Heart Failure, Congestion, and Worsening Renal Function. <i>Circulation: Heart Failure</i> , 2017, 10, e003603. | 3.9 | 11 |
| 45 | The Role and Impact of Gut Microbiota in Cardiovascular Disease. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 799-800. | 0.6 | 11 |
| 46 | Prognostic Impact of Peak Aortic Jet Velocity in Conservatively Managed Patients With Severe Aortic Stenosis: An Observation From the CURRENT AS Registry. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 11 |
| 47 | Sex differences in patients with acute decompensated heart failure in Japan: observation from the KCHF registry. <i>ESC Heart Failure</i> , 2020, 7, 2485-2493. | 3.1 | 11 |
| 48 | Short physical performance battery vs. 6-minute walking test in hospitalized elderly patients with heart failure. <i>European Heart Journal Open</i> , 2021, 1, . | 2.3 | 11 |
| 49 | Association of an increase in serum albumin levels with positive 1-year outcomes in acute decompensated heart failure: A cohort study. <i>PLoS ONE</i> , 2020, 15, e0243818. | 2.5 | 11 |
| 50 | Focal Intimal Disruption Size at Multidetector CT and Disease Progression in Type B Aortic Intramural Hematoma. <i>Radiology</i> , 2021, 301, 311-319. | 7.3 | 9 |
| 51 | Impact of combined heart and lung transplantation on bronchiolitis obliterans syndrome, cardiac allograft vasculopathy, and long-term survival. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1170-1177. | 0.6 | 7 |
| 52 | Validation of the Larissa Heart Failure Risk Score for risk stratification in acute heart failure. <i>International Journal of Cardiology</i> , 2020, 307, 119-124. | 1.7 | 7 |
| 53 | Serum cholinesterase as a prognostic biomarker for acute heart failure. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 335-342. | 1.0 | 7 |
| 54 | Impact of serum lactate dehydrogenase on the short-term prognosis of COVID-19 with pre-existing cardiovascular diseases. <i>Journal of Cardiology</i> , 2022, 79, 501-508. | 1.9 | 7 |

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|----|--|-----|-----------|
| 55 | Comparisons between biopsy-proven versus clinically diagnosed cardiac sarcoidosis. <i>Heart</i> , 2022, 108, 1887-1894. | 2.9 | 7 |
| 56 | Pathophysiologic Insights into Heart Rate Reduction in Heart Failure: Implications in the Use of Beta-Blockers and Ivabradine. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2016, 18, 13. | 0.9 | 6 |
| 57 | Different clinical outcomes in patients with asymptomatic severe aortic stenosis according to the stage classification: Does the aortic valve area matter?. <i>International Journal of Cardiology</i> , 2017, 228, 244-252. | 1.7 | 6 |
| 58 | Clinical impact of functional independent measure (FIM) on 180-day readmission and mortality in elderly patients hospitalized with acute decompensated heart failure. <i>Heart and Vessels</i> , 2021, 36, 1536-1541. | 1.2 | 6 |
| 59 | Intestinal barrier dysfunction is associated with elevated right atrial pressure in patients with advanced decompensated heart failure. <i>American Heart Journal</i> , 2022, 245, 78-80. | 2.7 | 6 |
| 60 | Intrarenal Venous Flow: A Distinct Cardiorenal Phenotype or Simply a Marker of Venous Congestion?. <i>Journal of Cardiac Failure</i> , 2021, 27, 35-39. | 1.7 | 5 |
| 61 | Contemporary Diagnosis and Management of Hypertrophic Cardiomyopathy: The Role of Echocardiography and Multimodality Imaging. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 169. | 1.6 | 5 |
| 62 | Identifying Genotypes and Phenotypes of Cardiovascular Diseases Using Big Data Analytics. <i>JAMA Cardiology</i> , 2017, 2, 1169. | 6.1 | 4 |
| 63 | Therapeutic strategy for functional tricuspid regurgitation in patients undergoing mitral valve repair for severe mitral regurgitation. <i>International Journal of Cardiology</i> , 2017, 227, 803-807. | 1.7 | 4 |
| 64 | Meta-Analysis Comparing Frequency of Overweight Versus Normal Weight in Patients With New-Onset Heart Failure. <i>American Journal of Cardiology</i> , 2018, 121, 836-843. | 1.6 | 4 |
| 65 | Derivation and Validation of Clinical Prediction Models for Rapid Risk Stratification for Time-Sensitive Management for Acute Heart Failure. <i>Journal of Clinical Medicine</i> , 2020, 9, 3394. | 2.4 | 4 |
| 66 | Impact of left ventricular ejection fraction on the effect of renin-angiotensin system blockers after an episode of acute heart failure: From the KCHF Registry. <i>PLoS ONE</i> , 2020, 15, e0239100. | 2.5 | 4 |
| 67 | Optimal Timing of Surgery for Patients with Active Infective Endocarditis. <i>Cardiology Clinics</i> , 2021, 39, 197-209. | 2.2 | 4 |
| 68 | Inflammatory and Hypercoagulable Biomarkers and Clinical Outcomes in COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3086. | 2.4 | 4 |
| 69 | Early surgery for asymptomatic mitral regurgitation: importance of atrial fibrillation. <i>Journal of Heart Valve Disease</i> , 2012, 21, 61-70. | 0.5 | 4 |
| 70 | Time to start implementing Lean and Six Sigma in the catheterization laboratory. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 503. | 0.8 | 3 |
| 71 | Impact of physical frailty on the clinical outcomes of older patients hospitalized for pneumonia. <i>Geriatrics and Gerontology International</i> , 2021, 21, 926-931. | 1.5 | 3 |
| 72 | Usefulness of Serum Biomarkers of Endothelial Glycocalyx Damage in Prognosis of Decompensated Patients with Heart Failure with Reduced Ejection Fraction. <i>American Journal of Cardiology</i> , 2022, 176, 73-78. | 1.6 | 3 |

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|----|--|-----|-----------|
| 73 | Echinococcosis of the heart. <i>European Heart Journal</i> , 2014, 35, 1682-1682. | 2.2 | 2 |
| 74 | Contemporary Management of Acute Decompensated Heart Failure and Cardiogenic Shock. <i>Heart Failure Clinics</i> , 2020, 16, 221-230. | 2.1 | 2 |
| 75 | Changes in BNP levels from discharge to 6-month visit predict subsequent outcomes in patients with acute heart failure. <i>PLoS ONE</i> , 2022, 17, e0263165. | 2.5 | 2 |
| 76 | Appetite loss at discharge from acute decompensated heart failure: Observation from KCHF registry. <i>PLoS ONE</i> , 2022, 17, e0267327. | 2.5 | 2 |
| 77 | Cardiovascular Safety of Evolocumab: a Systematic Review and Meta-Analysis. <i>Cardiovascular Drugs and Therapy</i> , 2016, 30, 645-646. | 2.6 | 1 |
| 78 | The contemporary role of echocardiography in the assessment and management of aortic stenosis. <i>Journal of Medical Ultrasonics (2001)</i> , 2020, 47, 71-80. | 1.3 | 1 |
| 79 | Real-time observation of a high-echoic mass in the left ventricle during transcatheter aortic valve implantation: a case report. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-4. | 0.6 | 1 |
| 80 | Work status before admission relates to prognosis in older patients with heart failure partly through social frailty. <i>Journal of Cardiology</i> , 2021, , . | 1.9 | 1 |
| 81 | A huge cardiac haemangioma in the left ventricular wall. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2. | 0.6 | 1 |
| 82 | Assessment of thromboembolism risk in COVID-19 patients with cardiovascular disease risk factors: Analysis of a Japanese Nationwide Registry. <i>Thrombosis Research</i> , 2022, 216, 90-96. | 1.7 | 1 |
| 83 | Preoperative physical performance-related postoperative delirium in patients after cardiovascular surgery. <i>Archives of Gerontology and Geriatrics</i> , 2020, 91, 104172. | 3.0 | 0 |
| 84 | The contemporary role of echocardiography in the assessment and management of aortic stenosis. <i>Choonpa Igaku</i> , 2021, 48, 165-175. | 0.0 | 0 |
| 85 | Advances and Controversies in the Management of Mitral Valve Disease. <i>Cardiology Clinics</i> , 2021, 39, xi. | 2.2 | 0 |
| 86 | A huge cardiac haemangioma in the left ventricular wall. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2. | 0.6 | 0 |
| 87 | Early intravenous vasodilator therapy in acute decompensated heart failure: Is the time-to-treat concept still applicable in a pre-hospital setting?. <i>International Journal of Cardiology</i> , 2022, 349, 103-104. | 1.7 | 0 |