Kentaro Kamiya

List of Publications by Year
in descending order

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108 papers	1,959 citations	331670 21 h-index	315739 38 g-index
109 all docs	109 docs citations	109 times ranked	1807 citing authors

#	Article	IF	Citations
1	Low-intensity resistance training with blood flow restriction improves vascular endothelial function and peripheral blood circulation in healthy elderly people. European Journal of Applied Physiology, 2016, 116, 749-757.	2.5	119
2	Prevalence and prognostic impact of the coexistence of multiple frailty domains in elderly patients with heart failure: the <scp>FRAGILEâ€HF</scp> cohort study. European Journal of Heart Failure, 2020, 22, 2112-2119.	7.1	118
3	Multidisciplinary Cardiac Rehabilitation and Long-Term Prognosis in Patients With Heart Failure. Circulation: Heart Failure, 2020, 13, e006798.	3.9	112
4	Gait speed has comparable prognostic capability to six-minute walk distance in older patients with cardiovascular disease. European Journal of Preventive Cardiology, 2018, 25, 212-219.	1.8	92
5	Quadriceps Strength as a Predictor of Mortality in Coronary Artery Disease. American Journal of Medicine, 2015, 128, 1212-1219.	1.5	85
6	Utility of SARC-F for Assessing Physical Function in Elderly Patients With Cardiovascular Disease. Journal of the American Medical Directors Association, 2017, 18, 176-181.	2.5	79
7	Nationwide Survey of Multidisciplinary Care and Cardiac Rehabilitation for Patients With Heart Failure in Japanã€€â€• An Analysis of the AMED-CHF Study â€•. Circulation Journal, 2019, 83, 1546-1552.	1.6	72
8	Prognostic Value of Psoas Muscle Area and Density in Patients Who Undergo Cardiovascular Surgery. Canadian Journal of Cardiology, 2017, 33, 1652-1659.	1.7	71
9	Impact of sarcopenia on prognosis in patients with heart failure with reduced and preserved ejection fraction. European Journal of Preventive Cardiology, 2021, 28, 1022-1029.	1.8	66
10	Quadriceps isometric strength as a predictor of exercise capacity in coronary artery disease patients. European Journal of Preventive Cardiology, 2014, 21, 1285-1291.	1.8	51
11	The GLIM criteria for defining malnutrition can predict physical function and prognosis in patients with cardiovascular disease. Clinical Nutrition, 2021, 40, 146-152.	5.0	47
12	Complementary Role of Arm Circumference to Body Mass Index inÂRiskÂStratification in Heart Failure. JACC: Heart Failure, 2016, 4, 265-273.	4.1	46
13	Prevalence and prognostic implications of malnutrition as defined by GLIM criteria in elderly patients with heart failure. Clinical Nutrition, 2021, 40, 4334-4340.	5.0	44
14	Prognostic Usefulness of Arm and Calf Circumference in Patients â‰¥65ÂYears of Age With Cardiovascular Disease. American Journal of Cardiology, 2017, 119, 186-191.	1.6	41
15	Usefulness of Pet Ownership as a Modulator of Cardiac Autonomic Imbalance in Patients With Diabetes Mellitus, Hypertension, and/or Hyperlipidemia. American Journal of Cardiology, 2012, 109, 1164-1170.	1.6	34
16	Incremental Value of Objective Frailty Assessment to Predict Mortality in Elderly Patients Hospitalized for Heart Failure. Journal of Cardiac Failure, 2018, 24, 723-732.	1.7	32
17	Impact of Social Frailty in Hospitalized Elderly Patients With Heart Failure: A FRAGILEâ€HF Registry Subanalysis. Journal of the American Heart Association, 2021, 10, e019954.	3.7	32
18	Association between sarcopenia and atherosclerosis in elderly patients with ischemic heart disease. Heart and Vessels, 2020, 35, 769-775.	1.2	28

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19	Short-Term Change in Gait Speed and Clinical Outcomes in Older Patients With Acute Heart Failure. Circulation Journal, 2019, 83, 1860-1867.	1.6	27
20	Utility of Regular Management of Physical Activity and Physical Function in Hemodialysis Patients. Kidney and Blood Pressure Research, 2018, 43, 1505-1515.	2.0	25
21	Sarcopenia: Prevalence and Prognostic Implications in Elderly Patients with Cardiovascular Disease. JCSM Clinical Reports, 2017, 2, 1-13.	1.3	25
22	Prognostic value of sarcopenic obesity estimated by computed tomography in patients with cardiovascular disease and undergoing surgery. Journal of Cardiology, 2019, 74, 273-278.	1.9	20
23	Aspartate aminotransferase to alanine aminotransferase ratio is associated with frailty and mortality in older patients with heart failure. Scientific Reports, 2021, 11, 11957.	3.3	20
24	Prevalence and prognostic impact of cognitive frailty in elderly patients with heart failure: subâ€analysis of FRAGILEâ€HF. ESC Heart Failure, 2022, 9, 1574-1583.	3.1	20
25	Respiratory muscle weakness increases deadâ€space ventilation ratio aggravating ventilationâ€“perfusion mismatch during exercise in patients with chronic heart failure. Respirology, 2019, 24, 154-161.	2.3	19
26	Prevalence and prognosis of respiratory muscle weakness in heart failure patients with preserved ejection fraction. Respiratory Medicine, 2020, 161, 105834.	2.9	19
27	Prevalence and prognostic value of the coexistence of anaemia and frailty in older patients with heart failure. ESC Heart Failure, 2021, 8, 625-633.	3.1	19
28	Japanese Heart Failure Society 2018 Scientific Statement on Nutritional Assessment and Management in Heart Failure Patients. Circulation Journal, 2020, 84, 1408-1444.	1.6	19
29	Association between frailty and bone loss in patients undergoing maintenance hemodialysis. Journal of Bone and Mineral Metabolism, 2019, 37, 81-89.	2.7	18
30	Sarcopenic obesity is associated with impaired physical function and mortality in older patients with heart failure: insight from FRAGILE-HF. BMC Geriatrics, 2022, 22, .	2.7	17
31	Trajectory of Lean Body Mass Assessed Using the Modified Creatinine Index and Mortality in Hemodialysis Patients. American Journal of Kidney Diseases, 2020, 75, 195-203.	1.9	16
32	Modified Creatinine Index and Clinical Outcomes of Hemodialysis Patients: An Indicator of Sarcopenia?. , 2021, 31, 370-379.		16
33	Assessment of Sarcopenia in the Intensive Care Unit and 1-Year Mortality in Survivors of Critical Illness. Nutrients, 2021, 13, 2726.	4.1	16
34	Validity and Utility of the Questionnaire-based FRAIL Scale in Older Patients with Heart Failure: Findings from the FRAGILE-HF. Journal of the American Medical Directors Association, 2021, 22, 1621-1626.e2.	2.5	16
35	Acute-phase initiation of cardiac rehabilitation and clinical outcomes in hospitalized patients for acute heart failure. International Journal of Cardiology, 2021, 340, 36-41.	1.7	16
36	Effect of Balance Training on Walking Speed and Cardiac Events in Elderly Patients With Ischemic Heart Disease. International Heart Journal, 2014, 55, 397-403.	1.0	15

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37	Safety of neuromuscular electrical stimulation in patients implanted with cardioverter defibrillators. Journal of Electrocardiology, 2016, 49, 99-101.	0.9	15
38	Cognitive impairment measured by Mini-Cog provides additive prognostic information in elderly patients with heart failure. Journal of Cardiology, 2020, 76, 350-356.	1.9	14
39	Changes in Respiratory Muscle Strength Following Cardiac Rehabilitation for Prognosis in Patients with Heart Failure. Journal of Clinical Medicine, 2020, 9, 952.	2.4	14
40	The maximal gait speed is a simple and useful prognostic indicator for functional recovery after total hip arthroplasty. BMC Musculoskeletal Disorders, 2020, 21, 84.	1.9	13
41	Quadriceps Strength and Mortality in Older Patients With Heart Failure. Canadian Journal of Cardiology, 2021, 37, 476-483.	1.7	13
42	Comparison of Cardiovascular Responses Between Upright and Recumbent Cycle Ergometers in Healthy Young Volunteers Performing Low-Intensity Exercise: Assessment of Reliability of the Oxygen Uptake Calculated by Using the ACSM Metabolic Equation. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1024-1029.	0.9	12
43	Preoperative skeletal muscle density is associated with postoperative mortality in patients with cardiovascular disease. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 515-522.	1.1	12
44	Prognostic utility of dynapenia in patients with cardiovascular disease. Clinical Nutrition, 2021, 40, 2210-2218.	5.0	12
45	Sex differences in the prevalence and prognostic impact of physical frailty and sarcopenia among older patients with heart failure. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 365-372.	2.6	12
46	Japanese Adaptation of the Stroke and Aphasia Quality of Life Scale-39 (SAQOL-39): Comparative Study among Different Types of Aphasia. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 2561-2564.	1.6	11
47	Effects of Acute Phase Intensive Electrical Muscle Stimulation in Frail Elderly Patients With Acute Heart Failure (ACTIVEâ€EMS): Rationale and protocol for a multicenter randomized controlled trial. Clinical Cardiology, 2017, 40, 1189-1196.	1.8	11
48	Multidomain Frailty in Heart Failure: Current Status and Future Perspectives. Current Heart Failure Reports, 2021, 18, 107-120.	3.3	11
49	Post-intensive care syndrome as a predictor of mortality in patients with critical illness: A cohort study. PLoS ONE, 2021, 16, e0244564.	2.5	10
50	Usefulness of the Simplified Frailty Scale in Predicting Risk of Readmission or Mortality in Elderly Patients Hospitalized with Cardiovascular Disease. International Heart Journal, 2020, 61, 571-578.	1.0	10
51	Effects of electrical muscle stimulation on physical function in frail older patients with acute heart failure: a randomized controlled trial. European Journal of Preventive Cardiology, 2022, 29, e286-e288.	1.8	10
52	Prognostic usefulness of arm circumference and nutritional screening tools in older patients with cardiovascular disease. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 743-748.	2.6	9
53	Discordance between subjective and objective evaluations of cognitive function in old Japanese patients with heart failure. Australasian Journal on Ageing, 2019, 38, 57-59.	0.9	9
54	Rising time from bed in acute phase after hospitalization predicts frailty at hospital discharge in patients with acute heart failure. Journal of Cardiology, 2020, 75, 587-593.	1.9	9

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55	Differences in Priorities for Heart Failure Management Between Cardiologists and General Practitioners in Japan. Circulation Journal, 2021, 85, 1565-1574.	1.6	9
56	Effects of electrical muscle stimulation in a left ventricular assist device patient. International Journal of Cardiology, 2012, 160, e44-e45.	1.7	8
57	Impact of Gait Speed on the Obesity Paradox in Older Patients With Cardiovascular Disease. American Journal of Medicine, 2019, 132, 1458-1465.e1.	1.5	8
58	Prognostic value of instrumental activity of daily living in initial heart failure hospitalization patients aged 65Âyears or older. Heart and Vessels, 2020, 35, 360-366.	1.2	8
59	Impact of Physical Activity on Dialysis and Nondialysis Days and Clinical Outcomes Among Patients on Hemodialysis. , 2021, 31, 380-388.		8
60	Perceived difficulty in activities of daily living and survival in patients receiving maintenance hemodialysis. International Urology and Nephrology, 2021, 53, 177-184.	1.4	8
61	Early Initiation of Feeding and In-Hospital Outcomes in Patients Hospitalized for Acute Heart Failure. American Journal of Cardiology, 2021, 145, 85-90.	1.6	8
62	Standardized gait speed ratio in elderly patients with heart failure. ESC Heart Failure, 2021, 8, 3557-3565.	3.1	8
63	Change in Cardiovascular Health Metrics and Risk for Proteinuria Development: Analysis of a Nationwide Population-Based Database. American Journal of Nephrology, 2022, 53, 240-248.	3.1	8
64	Comparison of the association between six different frailty scales and clinical events in patients on hemodialysis. Nephrology Dialysis Transplantation, 2022, , .	0.7	8
65	SARCâ€F questionnaire identifies physical limitations and predicts post discharge outcomes in elderly patients with cardiovascular disease. JCSM Clinical Reports, 2018, 3, 1-11.	1.3	7
66	Features of trunk muscle wasting during acute care and physical function recovery with aortic disease. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1054-1063.	7.3	7
67	Sex-specific associations of fat mass and muscle mass with cardiovascular disease risk factors in adults with type 2 diabetes living with overweight and obesity: secondary analysis of the Look AHEAD trial. Cardiovascular Diabetology, 2022, 21, 40.	6.8	7
68	Excessive SBP elevation during moderate exercise discriminates patients at high risk of developing left ventricular hypertrophy from hypertensive patients. Journal of Hypertension, 2018, 36, 1291-1298.	0.5	6
69	Office-Based Physical Assessment in Patients Aged 75 Years and Older with Cardiovascular Disease. Gerontology, 2019, 65, 128-135.	2.8	6
70	Ultrasonographic prevalence of ulnar nerve displacement at the elbow in young baseball players. PM and R, 2022, 14, 955-962.	1.6	6
71	Impact of physical performance on exercise capacity in older patients with heart failure with reduced and preserved ejection fraction. Experimental Gerontology, 2021, 156, 111626.	2.8	6
72	Impact of Glucose Tolerance and Its Change on Incident Proteinuria: Analysis of a Nationwide Population-Based Dataset. American Journal of Nephrology, 2022, 53, 307-315.	3.1	6

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73	Arm lean mass measured using dual-energy X-ray absorptiometry to predict mortality in older patients with heart failure. Archives of Gerontology and Geriatrics, 2022, 101, 104689.	3.0	6
74	Relationship of normal-weight central obesity with the risk for heart failure and atrial fibrillation: analysis of a nationwide health check-up and claims database. European Heart Journal Open, 2022, 2, .	2.3	6
75	Prognostic value of pupil area for allâ€cause mortality in patients with heart failure. ESC Heart Failure, 2020, 7, 3067-3074.	3.1	5
76	Low skeletal muscle density combined with muscle dysfunction predicts adverse events after adult cardiovascular surgery. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1782-1790.	2.6	5
77	Relationship between highâ€sensitivity cardiac troponin T, Bâ€type natriuretic peptide, and physical function in patients with heart failure. ESC Heart Failure, 2021, 8, 5092-5101.	3.1	5
78	Usefulness of measuring maximal gait speed in conjunction with usual gait speed for risk stratification in patients with cardiovascular disease. Experimental Gerontology, 2022, 164, 111810.	2.8	5
79	Prognostic significance of peak oxygen consumptionâ‰10ml/kg/min in heart failure: Context vs. criteria. International Journal of Cardiology, 2013, 168, 3419-3423.	1.7	4
80	Low ankle brachial index is associated with the magnitude of impaired walking endurance in patients with heart failure. International Journal of Cardiology, 2016, 224, 400-405.	1.7	4
81	Pupillary Light Reflex as a New Prognostic Marker in Patients With Heart Failure. Journal of Cardiac Failure, 2019, 25, 156-163.	1.7	4
82	Usefulness of physical function sub-item of SF-36 survey to predict exercise intolerance in patients with heart failure. European Journal of Cardiovascular Nursing, 2022, 21, 174-177.	0.9	4
83	Nationwide Survey of Japanese Cardiac Rehabilitation Training Facilities During the Coronavirus Disease 2019 Outbreak. Circulation Reports, 2021, 3, 311-315.	1.0	4
84	Inaccurate recognition of own comorbidities is associated with poor prognosis in elderly patients with heart failure. ESC Heart Failure, 2022, 9, 1351-1359.	3.1	4
85	Correlation between respiratory muscle weakness and frailty status as risk markers for poor outcomes in patients with cardiovascular disease. European Journal of Cardiovascular Nursing, 2022, 21, 782-790.	0.9	4
86	Acute-Phase Initiation of Cardiac Rehabilitation for Short-Term Improvement in Activities of Daily Living in Patients Hospitalized for Acute Heart Failure. Journal of Cardiovascular Development and Disease, 2022, 9, 97.	1.6	4
87	The Prevalence of Metabolic Dysfunction-Associated Fatty Liver Disease and Its Association with Physical Function and Prognosis in Patients with Acute Coronary Syndrome. Journal of Clinical Medicine, 2022, 11, 1847.	2.4	4
88	Efficacy and Safety of Acute Phase Intensive Electrical Muscle Stimulation in Frail Older Patients with Acute Heart Failure: Results from the ACTIVE-EMS Trial. Journal of Cardiovascular Development and Disease, 2022, 9, 99.	1.6	4
89	Effects of electrical muscle stimulation in frail elderly patients during haemodialysis (DIAL): rationale and protocol for a crossover randomised controlled trial. BMJ Open, 2019, 9, e025389.	1.9	3
90	Effect of carvedilol on heart rate response to cardiopulmonary exercise up to the anaerobic threshold in patients with subacute myocardial infarction. Heart and Vessels, 2019, 34, 957-964.	1.2	3

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91	Gait speed and 6-minute walking distance are useful for identifying difficulties in activities of daily living in patients with cardiovascular disease. Heart and Lung: Journal of Acute and Critical Care, 2022, 51, 46-51.	1.6	3
92	Prognostic value of cardio-hepatic-skeletal muscle syndrome in patients with heart failure. Scientific Reports, 2021, 11, 3715.	3.3	2
93	Associations between kidney function and outcomes of comprehensive cardiac rehabilitation in patients with heart failure. Clinical Research in Cardiology, 2022, 111, 253-263.	3.3	2
94	Moving Together While Staying Apart: Practical Recommendations for 24-Hour Home-Based Movement Behaviours for Those With Cardiovascular Disease. CJC Open, 2021, 3, 1495-1504.	1.5	2
95	Comparative Analysis of Simplified, Objective Nutrition-Associated Markers in Patients Undergoing Hemodialysis. , 2021, , .		2
96	Effect of atrial fibrillation on response to exercise-based cardiac rehabilitation in older individuals with heart failure. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101466.	2.3	2
97	Physical activity and its trajectory over time and clinical outcomes in hemodialysis patients. International Urology and Nephrology, 2022, , 1.	1.4	2
98	Risk for Proteinuria in Newly Defined Hypertensive People Based on the 2017 American College of Cardiology/American Heart Association Blood Pressure Guideline. American Journal of Cardiology, 2022, 168, 83-89.	1.6	2
99	Prognostic value of postural hypotension in hospitalized patients with heart failure. Scientific Reports, 2022, 12, 2802.	3.3	2
100	Impact of Preoperative Muscle Strength on Walking Independence After Total Hip Arthroplasty. Journal of the American Medical Directors Association, 2022, 23, 695-697.	2.5	2
101	Cross-sectional area of erector spinae muscles is associated with activities of daily living at discharge in middle- to older-aged patients with coronavirus disease 2019. Experimental Gerontology, 2022, 163, 111774.	2.8	2
102	Optimal cutoff values for physical function tests in elderly patients with heart failure. Scientific Reports, 2022, 12, 6920.	3.3	2
103	Detailed Changes in Oxygenation following Awake Prone Positioning for Non-Intubated Patients with COVID-19 and Hypoxemic Respiratory Failureâ€"A Historical Cohort Study. Healthcare (Switzerland), 2022, 10, 1006.	2.0	2
104	Hemodynamic Changes During Neuromuscular Electrical Stimulation and Mobility Therapy for an Advanced Heart Failure Patient with Impella 5.0 Device. International Heart Journal, 2021, 62, 695-699.	1.0	1
105	Work status before admission relates to prognosis in older patients with heart failure partly through social frailty. Journal of Cardiology, 2021, , .	1.9	1
106	New Formula to Predict Heart Rate at Anaerobic Threshold That Considers the Effects of Î²-Blockers in Patients With Myocardial Infarction. Journal of Cardiopulmonary Rehabilitation and Prevention, 2021, Publish Ahead of Print, .	2.1	0
107	MO884ASSOCIATION BETWEEN QUADRICEPS ISOMETRIC STRENGTH AND SLEEP DISTURBANCES AMONG PATIENTS ON HEMODIALYSIS. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
108	Clinical usefulness of oxygen uptake during usual gait in patients with cardiovascular disease. International Journal of Cardiology, 2021, 335, 118-122.	1.7	0