

Message From the Editor-in-Chief

Dear Colleagues

On behalf of the Circulation Journal, I would like to let you know **the top 30 most frequently cited papers among the previous 16,486 Japanese Circulation Journal (1968–2001)/Circulation Journal (2002–2009 July) papers** (numbers in parentheses denote the number of citations).

- (1) (284) The Examination Committee of Criteria for 'Obesity Disease' in Japan, Japan Society for the Study of Obesity. New criteria for 'obesity disease' in Japan. *Circ J* 2002; **66**: 987–992 (Review).
- (2) (246) Kitabatake A, Inoue M, Asao M, Tanouchi J, Masuyama T, Abe H, et al. Transmittal blood flow reflecting diastolic behavior of the left ventricle in health and disease: A study by pulsed Doppler technique. *Jpn Circ J* 1982; **46**: 92–102.
- (3) (151) Ryo M, Nakamura T, Kihara S, Kumada M, Shibazaki S, Takahashi M, et al. Adiponectin as a biomarker of the metabolic syndrome. *Circ J* 2004; **68**: 975–981.
- (4) (147) Hamano K, Nishida M, Hirata K, Mikamo A, Li TS, Harada M, et al. Local implantation of autologous bone marrow cells for therapeutic angiogenesis in patients with ischemic heart disease: Clinical trial and preliminary results. *Jpn Circ J* 2001; **65**: 845–847.
- (5) (135) Aoki K, Yamori Y, Ooshima A, Okamoto K. Effects of high or low sodium intake in spontaneously hypertensive rats. *Jpn Circ J* 1972; **36**: 539–545.
- (6) (121) Kawai S, Suzuki H, Yamaguchi H, Tanaka K, Sawada H, Aizawa T, et al. Ampulla cardiomyopathy ('Takotsubo' cardiomyopathy): Reversible left ventricular dysfunction with ST segment elevation. *Jpn Circ J* 2000; **64**: 156–159.
- (7) (115) Kawai C. Idiopathic cardiomyopathy: A study on infectious-immune theory as a cause of the disease. *Jpn Circ J* 1971; **35**: 765–770.
- (8) (113) Yamori Y, Nagaoka A, Okamoto K. Importance of genetic factors in stroke: An evidence obtained by selective breeding of stroke-prone and -resistant SHR. *Jpn Circ J* 1974; **38**: 1095–1100 (Review).
- (9) (107) Yamori Y. Pathogenesis of spontaneous hypertension as a model for essential hypertension. *Jpn Circ J* 1977; **41**: 259–266 (Review).
- (10) (97) Ueyama T, Kasamatsu K, Hano T, Yamamoto K, Tsuruo Y, Nishio I. Emotional stress induces transient left ventricular hypocontraction in the rat via activation of cardiac adrenoceptors: A possible animal model of 'tako-tsubo' cardiomyopathy. *Circ J* 2002; **66**: 712–713.
- (10) (97) Tanase H, Suzuki Y, Ooshima A, Yamori Y, Okamoto K. Genetic analysis of blood pressure in spontaneously hypertensive rats. *Jpn Circ J* 1970; **34**: 1197–1212.
- (12) (81) Sekiguchi M, Numao Y, Imai M, Furuie T, Mikami R. Clinical and histopathological profile of sarcoidosis of the heart and acute idiopathic myocarditis: Concepts through a study employing endomyocardial biopsy: I. Sarcoidosis. *Jpn Circ J* 1980; **44**: 249–263.
- (13) (78) Yamaguchi T, Minematsu K, Choki J, Ikeda M. Clinical and neuroradiological analysis of thrombotic and embolic cerebral infarction. *Jpn Circ J* 1984; **48**: 50–58.
- (13) (78) Yasue H, Omote S, Takizawa A, Nagao M, Miwa K, Kato H, et al. Pathogenesis and treatment of angina pectoris at rest as seen from its response to various drugs. *Jpn Circ J* 1978; **42**: 1–10.
- (13) (78) Kawamura K, Kashii C, Imamura K. Ultrastructural changes in hypertrophied myocardium of spontaneously hypertensive rats. *Jpn Circ J* 1976; **40**: 1119–1145.
- (16) (77) Yamori Y, Matsumoto M, Yamabe H, Okamoto K. Augmentation of spontaneous hypertension by chronic stress in rats. *Jpn Circ J* 1969; **33**: 399–409.
- (17) (76) Komachi Y, Iida M, Shimamoto T, Chikayama Y, Takahashi H, Konishi M, et al. Geographic and occupational comparisons of risk factors in cardiovascular diseases in Japan. *Jpn Circ J* 1971; **35**: 189–207.
- (18) (74) Amano S, Hazama F, Hamashima Y. Pathology of Kawasaki disease: I. Pathology and morphogenesis of the vascular changes. *Jpn Circ J* 1979; **43**: 633–643.

- (19) (71) Ehara M, Surmely JF, Kawai M, Katoh O, Matsubara T, Terashima M, et al. Diagnostic accuracy of 64-slice computed tomography for detecting angiographically significant coronary artery stenosis in an unselected consecutive patient population: Comparison with conventional invasive angiography. *Circ J* 2006; **70**: 564–571.
- (19) (71) Ichijima K. Morphological studies on peripheral small arteries of spontaneously hypertensive rats. *Jpn Circ J* 1969; **33**: 785–813.
- (21) (70) Hori M, Yeliin EL, Sonnenblick EH. Left ventricular diastolic suction as a mechanism of ventricular filling. *Jpn Circ J* 1982; **46**: 124–129 (Review).
- (22) (69) Matsuzaki M, Kita T, Mabuchi H, Matsuzawa Y, Nakaya N, Oikawa S, et al. Large scale cohort study of the relationship between serum cholesterol concentration and coronary events with low-dose simvastatin therapy in Japanese patients with Hypercholesterolemia: Primary prevention cohort study of the Japan Lipid Intervention Trial (J-LIT). *Circ J* 2002; **66**: 1087–1095.
- (23) (68) Owa M, Aizawa K, Urasawa N, Ichinose H, Yamamoto K, Karasawa K, et al. Emotional stress-induced ‘ampulla cardiomyopathy’: Discrepancy between the metabolic and sympathetic innervation imaging performed during the recovery course. *Jpn Circ J* 2001; **65**: 349–352.
- (24) (64) Fontaine G, Frank R, Tonet JL, Guiraudon G, Cabrol C, Chomette G, et al. Arrhythmogenic right ventricular dysplasia: A clinical model for the study of chronic ventricular tachycardia. *Jpn Circ J* 1984; **48**: 515–538 (Review).
- (25) (63) Kodama K, Sasaki H, Shimizu Y. Trend of coronary heart disease and its relationship to risk factors in a Japanese population: A 26-year follow-up, Hiroshima/Nagasaki study. *Jpn Circ J* 1990; **54**: 414–421.
- (26) (62) Suga H, Hisano R, Goto Y, Yamada O. Normalization of end-systolic pressure-volume relation and Emax of different sized hearts. *Jpn Circ J* 1984; **48**: 136–143.
- (26) (62) Suzuki Y, Kamikawa T, Kobayashi A, Masumura Y, Yamazaki N. Effects of L-carnitine on tissue levels of acyl carnitine, acyl coenzyme A and high energy phosphate in ischemic dog hearts. *Jpn Circ J* 1981; **45**: 687–694.
- (28) (61) Noda S. Histopathology of endomyocardial biopsies from patients with idiopathic cardiomyopathy: Quantitative evaluation based on multivariate statistical analysis. *Jpn Circ J* 1980; **44**: 95–116 (Review).
- (28) (61) Aoki K, Ikeda N, Yamashita K, Tazumi K, Sato I, Hotta K. Cardiovascular contraction in spontaneously hypertensive rat: Ca^{2+} interaction of myofibrils and subcellular membrane of heart and arterial smooth muscle. *Jpn Circ J* 1974; **38**: 1115–1121.
- (30) (59) Shimokawa H. Cellular and molecular mechanisms of coronary artery spasm: Lessons from animal models. *Jpn Circ J* 2000; **64**: 1–12 (Review).

The Editorial Team looks forward to receiving manuscripts with high scientific impact from all over the world.

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