



Message From the Editor-in-Chief

Hiroaki Shimokawa, MD, PhD

Dear Colleagues,

On behalf of the *Circulation Journal*, I would like to let you know the 32 most frequently cited papers among the 19,207 papers published in the *Japanese Circulation Journal* (1968–2001) and *Circulation Journal* (2002–2014) (numbers in parentheses denote the number of citations).

1. (583) Matsuzawa Y, Nakamura T, Takahashi M, Ryo M, Inoue S, Ikeda Y, et al. New criteria for 'obesity disease' in Japan. *Circ J* 2002; **66**: 987–992. (Review)
2. (329) Ryo M, Nakamura T, Kihara S, Kumada M, Shibasaki S, Takahashi M, et al. Adiponectin as a biomarker of the metabolic syndrome. *Circ J* 2004; **68**: 975–981.
3. (262) Kitabatake A, Inoue M, Asao M, Tanouchi J, Masuyama T, Abe H, et al. Transmitral 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.
4. (249) Libby P, Okamoto Y, Rocha VZ, Folco E. Inflammation in atherosclerosis: Transition from theory to practice. *Circ J* 2010; **74**: 213–220. (Review)
5. (199) 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.
6. (188) Zhou Q, Liao JK. Pleiotropic effects of statins: Basic research and clinical perspectives. *Circ J* 2010; **74**: 818–826. (Review)
7. (180) 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.
8. (163) Higashi Y, Noma K, Yoshizumi M, Kihara Y. Endothelial function and oxidative stress in cardiovascular diseases. *Circ J* 2009; **73**: 411–418. (Review)
- (163) Vanhoutte PM. Endothelial dysfunction: The first step toward coronary arteriosclerosis. *Circ J* 2009; **73**: 595–601. (Review)
10. (160) 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 'takotsubo' cardiomyopathy. *Circ J* 2002; **66**: 712–713.
11. (148) 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.
12. (139) 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.
13. (132) Jeong JW, Jeong MH, Yun KH, Oh SK, Park EM, Kim YK, et al. Echocardiographic epicardial fat thickness and coronary artery disease. *Circ J* 2007; **71**: 536–539.
14. (129) 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.
15. (128) Yoo TW, Sung KC, Shin HS, Kim BJ, Kim BS, Kang JH, et al. Relationship between serum uric acid concentration and insulin resistance and metabolic syndrome. *Circ J* 2005; **69**: 928–933.
16. (119) 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.
17. (118) Ogura R, Hiasa Y, Takahashi T, Yamaguchi K, Fujiwara K, Ohara Y, et al. Specific findings of the standard 12-lead ECG in patients with 'Takotsubo' cardiomyopathy: Comparison with the findings of acute anterior myocardial infarction. *Circ J* 2003; **67**: 687–690.
18. (117) Kawai C. Idiopathic cardiomyopathy: A study on the infectious-immune theory as a cause of disease. *Jpn Circ J* 1971; **35**: 765–770.

19. (114) Fujita K, Nishizawa H, Funahashi T, Shimomura I, Shimabukuro M. Systemic oxidative stress is associated with visceral fat accumulation and the metabolic syndrome. *Circ J* 2006; **70**: 1437–1442.
20. (109) Ishikura K, Yamada N, Ito M, Ota S, Nakamura M, Isaka N, et al. Beneficial acute effects of Rho-kinase inhibitor in patients with pulmonary arterial hypertension. *Circ J* 2006; **70**: 174–178.
- (109) Yamori Y. Pathogenesis of spontaneous hypertension as a model for essential hypertension. *Jpn Circ J* 1977; **41**: 259–266.
22. (106) Shokawa T, Imazu M, Yamamoto H, Toyofuku M, Tasaki N, Okimoto T, et al. Pulse wave velocity predicts cardiovascular mortality: Findings from the Hawaii-Los Angeles-Hiroshima study. *Circ J* 2005; **69**: 259–264.
23. (103) Ando J, Yamamoto K. Vascular mechanobiology: Endothelial cell responses to fluid shear stress. *Circ J* 2009; **73**: 1983–1992. (Review)
- (103) Shimokawa H. Cellular and molecular mechanisms of coronary artery spasm: Lessons from animal models. *Jpn Circ J* 2000; **64**: 1–12. (Review)
25. (102) Lee HY, Oh BH. Aging and arterial stiffness. *Circ J* 2010; **74**: 2257–2262. (Review)
26. (101) 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.
27. (100) Kurisu S, Inoue I, Kawagoe T, Ishihara M, Shimatani Y, Nakamura S, et al. Time course of electrocardiographic changes in patients with tako-tsubo syndrome: Comparison with acute myocardial infarction with minimal enzymatic release. *Circ J* 2004; **68**: 77–81.
28. (98) Tomiyama H, Koji Y, Yambe M, Shiina K, Motobe K, Yamada J, et al. Brachial-ankle pulse wave velocity is a simple and independent predictor of prognosis in patients with acute coronary syndrome. *Circ J* 2005; **69**: 815–822.
29. (97) Shimomura H, Terasaki F, Hayashi T, Kitaura Y, Isomura T, Suma H. Autophagic degeneration as a possible mechanism of myocardial cell death in dilated cardiomyopathy. *Jpn Circ J* 2001; **65**: 965–968.
30. (95) Kajiguchi M, Kondo T, Izawa H, Kobayashi M, Yamamoto K, Shintani S, et al. Safety and efficacy of autologous progenitor cell transplantation for therapeutic angiogenesis in patients with critical limb ischemia. *Circ J* 2007; **71**: 196–201.
- (95) 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.
- (95) 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.

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

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Editor-in-Chief

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