

筆頭著者 (First-authored Publications)

1. Three-dimensional image of arrhythmogenic right ventricular dysplasia/cardiomyopathy reconstructed with 64-multislice computed tomography.

Omichi C, Sugiyabu Y, Kakizawa Y, Endo M.

Heart Rhythm. 2008 Nov;5(11):1631-2. 2008 Apr 1.

2. Demonstration of electrical and anatomic connections between Marshall bundles and left atrium in dogs: implications on the generation of P waves on surface electrocardiogram

Omichi C, Chou CC, Lee MH, Chang CM, Lai AC, Hayashi H, Zhou S, Miyauchi Y, Okuyama Y, Hamabe A, Hwang C, Fishbein MC, Lin SF, Karagueuzian HS, Chen PS.

J Cardiovasc Electrophysiol. 2002 Dec;13(12):1283-91.

3. Ischemia-induced Brugada-type ST-segment alternans and Brugada syndrome.

Omichi C, Fujimoto N, Kawasaki A, Kasai A.

Int J Cardiol. 2010 Oct 29;144(3):429-30.

4. Congenital long QT syndrome presenting with a history of epilepsy: Misdiagnosis or relationship between channelopathies of the heart and brain?

Omichi C, Momose Y, Kitahara S.

Epilepsia. 2010 Feb;51(2):289-92.

5. Coexistence of Inherited Cardiac Arrhythmia in Epilepsy as Neuro-cardiac Channelopathy: From Hypothesis to Evidence

Omichi C

Molecular & Cellular Epilepsy 2014; 1: 100-105.

6. Intracellular Ca Dynamics in Ventricular Fibrillation.

Omichi C, Lamp ST, Lin SF, Yang J, Baher A, Zhou S, Attin M, Lee MH, Karagueuzian HS, Kogan B, Qu Z, Garfinkel A, Chen PS, Weiss JN.

Am J Physiol Heart Circ Physiol. 2004 Jan 2

7. Effects of amiodarone on wave front dynamics during ventricular fibrillation in isolated swine right ventricle

Omichi C, Zhou S, Lee MH, Naik A, Chang CM, Garfinkel A, Weiss JN, Lin SF,

Karagueuzian HS, Chen PS.

Am J Physiol Heart Circ Physiol. 2002 Mar;282(3):H1063-70.

8. Comparing cardiac action potentials recorded with metal and glass microelectrodes.

Omichi C, Lee MH, Ohara T, Naik AM, Wang NC, Karagueuzian HS, Chen PS

Am J Physiol Heart Circ Physiol. 2000 Dec;279(6):H3113-7

9. Improvement of cardiac function and neurological remodeling in a patient with tachycardia-induced cardiomyopathy after catheter ablation.

Omichi C, Tanaka T, Kakizawa Y, Yamada A, Ishii Y, Nagashima H, Kanmatsuse K, Endo M.

J Cardiol. 2009 Aug;54(1):134-8.

10. Synergistic effects of cardiac resynchronization therapy and Bachmann's bundle pacing on heart failure with atrial tachyarrhythmias.

Omichi C, Kawasaki A, Kasai A.

Cardiol J. 2009;16(4):358-61.

11. Electrical connections between persistent left superior vena cava and left atrium during catheter ablation for atrial tachycardia.

Omichi C, Kakizawa Y, Ishige A, Ishii Y, Nagashima H, Kanmatsuse K, Endo M, Suzuki F

J Arrhythmia 2008, Vol24 No1, 38-44

12. Limitation of unipolar recording mode predictive of successful catheter ablation of accessory pathway

Omichi C, Uchida F, Kasai A, Yasuda M, Nakano T

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13. Relationship between left ventricular diastolic function at rest and exercise capacity in patients who have suffered a previous myocardial infarction.

Omichi C, Yamakado T, Takebayashi S, Tarumi T, Takagi E, Nakano T.

Jpn Circ J. 1997 Apr;61(4):339-43.

共著者 (Coauthored Publications)

14.Changes in autonomic nervous activity after catheter ablation of atrial tachycardia arising from the atrioventricular annulus.

Kongo M, Fujii E, Matsuoka K, Uchida F, Okubo S, Kasai A, **Omichi C**, Isaka N, Nakano T.

Pacing Clin Electrophysiol. 2005 Jan;28 Suppl 1 : S237-41.

15.Two cases of giant aneurysm in coronary-pulmonary artery fistula associated with atherosclerotic change.

Fujimoto N, Onishi K, Tanabe M, Koji T, **Omichi C**, Kato S, Kawasaki A, Nakano T, Ito M.

Int J Cardiol. 2004 Dec;97(3):577-8.

16.Effect of left atrial-coronary sinus musculature connections on the coronary sinus activation pattern via retrograde conduction in patients with WPW syndrome.

Uchida F, Fujii E, Matsuoka K, Okubo S, Kasai A, **Omichi C**, Nakano T

J Interv Card Electrophysiol. 2004 Feb;10(1):59-64.

17.Age-related sensitivity to nicotine for inducible atrial tachycardia and atrial fibrillation.

Hayashi H, **Omichi C**, Miyauchi Y, Mandel WJ, Lin SF, Chen PS, Karagueuzian HS.

Am J Physiol Heart Circ Physiol. 2003 Nov;285(5):H2091-8.

18.High resolution mapping of the pulmonary vein and the vein of Marshall during induced atrial fibrillation and atrial tachycardia in a canine model of pacing-induced congestive heart failure.

Okuyama Y, Miyauchi Y, Park AM, Hamabe A, Zhou S, Hayashi H, Miyauchi M, **Omichi C**, Pak HN, Brodsky LA, Mandel WJ, Fishbein MC, Karagueuzian HS, Chen PS

J Am Coll Cardiol. 2003 Jul 16;42(2):348-60.

19.Evaluation of the arrhythmogenicity of stress-induced "Takotsubo cardiomyopathy" from the time course of the 12-lead surface electrocardiogram.

Matsuoka K, Okubo S, Fujii E, Uchida F, Kasai A, Aoki T, Makino K, **Omichi C**, Fujimoto N, Ohta S, Sawai T, Nakano T.

Am J Cardiol. 2003 Jul 15;92(2):230-3.

20. Idiopathic left ventricular aneurysm associated with pleomorphic ventricular tachycardia: a case report.

Uchida F, Fujii E, Matsuoka K, Okubo S, Kasai A, **Omichi C**, Nakano T
J Cardiol. 2002 Dec;40(6):275-82.

21. Aging-related increase to inducible atrial fibrillation in the rat model.

Hayashi H, Wang C, Miyauchi Y, **Omichi C**, Pak HN, Zhou S, Ohara T, Mandel WJ, Lin SF, Fishbein MC, Chen PS, Karagueuzian HS.
J Cardiovasc Electrophysiol. 2002 Aug;13(8):801-8.

22. Nonreentrant focal activations in pulmonary veins in canine model of sustained atrial fibrillation.

Zhou S, Chang CM, Wu TJ, Miyauchi Y, Okuyama Y, Park AM, Hamabe A, **Omichi C**, Hayashi H, Brodsky LA, Mandel WJ, Ting CT, Fishbein MC, Karagueuzian HS, Chen PS.
Am J Physiol Heart Circ Physiol. 2002 Sep;283(3):H1244-52.

23. Electrophysiological features of atrial tachycardia arising from the atrioventricular annulus.

Matsuoka K, Kasai A, Fujii E, **Omichi C**, Okubo S, Teramura S, Uchida F, Nakano T.
Pacing Clin Electrophysiol. 2002 Apr;25(4 Pt 1):440-5.

24. Frequency analysis of ventricular fibrillation in Swine ventricles.

Valderrabano M, Yang J, **Omichi C**, Kil J, Lamp ST, Qu Z, Lin SF, Karagueuzian HS, Garfinkel A, Chen PS, Weiss JN.
Circ Res. 2002 Feb 8;90(2):213-22.

25. Modulation of QT interval by cardiac sympathetic nerve sprouting and the mechanisms of ventricular arrhythmia in a canine model of sudden cardiac death.

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J Cardiovasc Electrophysiol. 2001 Sep;12(9):1068-73.

26. Effects of diacetyl monoxime and cytochalasin D on ventricular fibrillation in swine right ventricles.

Lee MH, Lin SF, Ohara T, **Omichi C**, Okuyama Y, Chudin E, Garfinkel A, Weiss JN, Karagueuzian HS, Chen PS

Am J Physiol Heart Circ Physiol. 2001 Jun;280(6):H2689-96.

27. Electrophysiological determinants of persistent dual atrioventricular nodal pathway physiology after slow pathway ablation in atrioventricular nodal reentrant tachycardia.

Fujii E, Kasai A, **Omichi C**, Matsuoka K, Teramura S, Uchida F, Nakano T.

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28. Shortening of conduction time over arborized atrioventricular accessory pathway with Mahaim fibers physiology just before interruption during radiofrequency ablation.

Uchida F, Kasai A, **Omichi C**, Fujii E, Teramura S, Nakano T

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Fujii E, Kasai A, **Omichi C**, Teramura S, Yasuda M, Uchida F, Nakano T

Pacing Clin Electrophysiol. 1998 Nov;21(11 Pt 2):2510-6.

31. Comparison of clinical features and prognosis of cardiac sarcoidosis and idiopathic dilated cardiomyopathy.

Yazaki Y, Isobe M, Hiramitsu S, Morimoto S, Hiroe M, **Omichi C**, Nakano T,

Saeki M, Izumi T, Sekiguchi M.

Am J Cardiol. 1998 Aug 15;82(4):537-40.

32. Which time constant of left ventricular relaxation is the most sensitive measure in acute myocardial ischemia?

Yamakado T, **Omichi C**, Maeda M, Onishi T, Yamada N, Kakimoto H, Nakamura M,

Teramura S, Nakano T.

J Cardiol. 1994 Sep-Oct;24(5):367-72.