Publication list

Book chapters

- **Sun Z**, Ng KH. Cardiac computed tomography imaging: technical advances and clinical applications 2011; Vol 2, 139-170, American Scientific Publishers
- **Sun Z**, Ng KH, Brennan P. Medical Imaging of heart and cardiovascular system 2011 (in press) American Scientific Publishers

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- **Sun Z**. Computed tomography angiography in the diagnosis of cardiovascular disease: 3D visualisations. Frontiers of Medicine 2011 (in press)
- Sabarudin A, **Sun Z**, Ng KH. Radiation dose comparison between coronary CT angiography and invasive coronary angiography: A phantom study. Radiat Prot Dosim (in press) (IF=0.966)
- **Sun Z**, Faridah Y, Ng KH. Coronary CT angiography: How should physicians use it widely and when do physicians request it appropriately? Eur J Radiol (IF=2.941) (Epub ahead of print)
- Sabarudin A, **Sun Z**, Ng KH. A systematic review of radiation dose associated with different generations of multislice CT coronary angiography. J Med Imag Radiat Oncol (in press) (IF=0.947)
- **Sun Z**, Ng KH. Coronary CT angiography in coronary artery disease: A systematic review of the research directions. World J Cardiol 2011 (in press)
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- **Sun Z**, Ng KH. Multislice CT: is it used widely and appropriately? Diagnostic Imaging Asia/Pacific 2011 (in press)

- **Sun Z**, Ng KH. Success of CT coronary angiography depends on careful patient selection. Diagnostic Imaging Asia/Pacific 2010, August 11-13

- **Sun Z**. CT sheds new light on coronary artery disease. Diagnostic Imaging Asia/Pacific August 2009, 1-2

- **Sun Z**. Fenestrated stent grafts give more aneurysm repair options. Diagnostic Imaging Asia/Pacific August 2009, 13-15


- **Sun Z**. Diagnosing coronary artery disease and in-stent restenosis with MDCT angiography. Hospital Imaging and Radiology Europe 2008; 3: 51-53

- **Sun Z**, Lin C. Virtual intravascular endoscopy: clinical applications. Diagnostic Imaging Europe Asia/Pacific 2006 August/September 19-32

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• Wong K, Tu J, Sun Z. Analysis on intra-aneurysm flow influence by stenting. 3rd International Conference on Biomedical Engineering and Informatics (BMEI’10), 16-18 October, 2010, Yantai, China (in press)
• Nugraha A, Li L, Squelch A, Sun Z. Visualizing and interpreting volumetric datasets using volume haptics. International Conference on Computational Intelligence and Software Engineering (CISE), 2009, 1-4
• Al-Fraith F, Sun Z. 64-slice CT angiography for diagnosis of coronary artery disease: An investigation of radiation dose reduction with lower tube current. 5th Asian Oceania Congress of Medical Physics, 22-24 October, 2009, Chiangmai, Thailand, p 1-4
• Sun Z, Chaichana T, Jiang W, Liu B. Multislice CT virtual endoscopy in pre-aortic stent grafting: optimization of scanning protocols. 3rd ISBME (International Symposium on Biomedical Engineering), 10-11, November, 2008, Bangkok, Thailand, pp. 72-77
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