

TABLE OF CONTENTS

Volume 6, Number 7, July 2013

Cardiac reserve mobilization trend during exercise and recovery after exercise	
L. C. Liu, X. B. Yan, S. Z. Xiao, S. Y. Deng, C. Zhang, L. M. Luo.....	699
An approach to a non-contact vital sign monitoring using dual-frequency microwave radars for elderly care	
S. Suzuki, T. Matsui, M. Kagawa, T. Asao, K. Kotani.....	704
Development of a signal collecting system for double-channel auscultation	
Q. F. Jiang, G. Q. Liu, N. Hu, B. Gao, P. Chen, G. H. Hu, L. C. Chen.....	712
RompecPC: A computerized program to create and solve jigsaw puzzles	
M. A. Guevara, M. P. Hernández, M. H. González, A. Sanz-Martin, S. R. Zapata.....	717
Comparison of metal artifact in digital tomosynthesis and computed tomography for evaluation of phantoms	
T. Gomi.....	722
Estimation of direct and indirect cost of diabetes in Morocco	
W. Boutayeb, M. E. N. Lamlili, A. Boutayeb, S. Boutayeb.....	732
Structure of vitreous body and its relationship with liquefaction	
M. Kodama, T. Matsuura, Y. Hara.....	739
Wavelet-based ECG data compression optimization with genetic algorithm	
T.-C. Wu, K.-C. Hung, J.-H. Liu, T.-K. Liu.....	746
The interrelationship between insulin resistane and Alzheimer development	
D. A. Ghareeb, S. Mohamed, M. El-Sayed.....	754

The figure on the front cover is from the article published in Journal of Biomedical Science and Engineering, 2013, Vol. 6, No. 7, pp. 739-745 by Makoto Kodama, *et al.*