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遠距照護

教師研究成果資料明細

研究計畫

1. 張剛鳴 國科會 2011.08.1 ~2012.07.31

改良式經驗模組分解函數應用於心電圖訊號雜訊濾除之探討

SCI、SSCI、A&HCI、EI、TSSCI期刊論文

1.(Shing-Hong Liu)*、(Chu-Chang Tya)、張剛鳴(Kang-Ming Chang), 2009-, (已刊登)

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Novel Compliance Measurement in Radial Arteries Using Strain-Gauge Plethysmography

2.(Shing-Hong Liu)*、張剛鳴(Kang-Ming Chang)、(Jian-Jung Chen)、(Kuo-Tai Tang), 2008-10, (已刊登)

International Journal of Electrical Engineering 15卷5期:399頁~407頁

APPLICATION OF A FUZZY C-MEAN ALGORITHM FOR PULSE WAVEFORM ANALYSIS IN PATIENTS WITH MYOCARDIAL ISCHEMIA

3.張剛鳴(Kang-Ming Chang)*、(Keng-Ming Chang) ,2009-06, (已刊登)

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Pulse Rate Derivation and Its Correlation with Heart Rate

4.張剛鳴(Kang-Ming Chang) ,2009-05, (已刊登)

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Portable Obstructive Sleep Apnea Screening System Using Overnight ECG and a PDA-Based Wireless Transmission System

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6.張剛鳴(Kang-Ming Chang)* ,2010-06, (已刊登)

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7.(Shing-Hong Liu)*、張剛鳴(Kang-Ming Chang)、(Tsu-Hsun Fu) ,2010-09, (已刊登)

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23卷6期:968頁~977頁

Heart Rate Extraction from Photoplethysmogram on Fuzzy Logic Discriminator

8. 張剛鳴(Kang-Ming Chang)* ,2010-08, (已刊登)

BIOMEDIZINISCHE TECHNIK 55卷4期:193頁~201頁

Ensemble empirical mode decomposition for high frequency ECG noise reduction

9. 張剛鳴(Kang-Ming Chang) ,2011-04, (已刊登)

Evidence-based Complementary and Alternative Medicine

2011卷946537期:1頁~7頁

Aromatherapy Benefits Autonomic Nervous System Regulation for Elementary School Faculty in Taiwan

10. 張剛鳴(Kang-Ming Chang) ,-, ()

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Hurst Exponents and Linear Regression with an Application to Low-Power Beta Characterization in meditation EEG.

11. 張剛鳴(Kang-Ming Chang)* ,2011-04, (已刊登)

Journal of Signal Processing Systems 64卷2期:249頁~264頁

Gaussian noise filtering from ECG by Wiener filter and ensemble empirical mode decomposition

12. 張剛鳴(Kang-Ming Chang)* ,2011-04, (已刊登)

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Wireless Portable ECG and a Tri-axis Accelerometer Implementation and Application on Sleep Activity Monitoring

13. 張清濠(Ching-Haur Chang)、張剛鳴(Kang-Ming Chang)、柯賢

儒(Hsien-Ju Ko) ,2011-10, (已刊登)

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Removal of random noises for ECG signals using adaptive noise canceller without reference input

專利

1. 黃秀園(Shiow-Yuan Huang)、張剛鳴(Kang-Ming Chang) 2006-

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無線睡眠檢測連結模組