

謝長倬 老師

現職 光電與通訊學系 助理教授

學歷 成功大學電機所博士

專長1 醫學工程

專長3 人機介面與人機互動

專長5 核磁共振影像

專長2 生醫光電

專長4 嵌入式系統

專長6 雷射針灸

教師研究成果資料明細



研討會論文

1. 謝長倬(Chang-Wei Hsieh) 2011.06.26~2011.06.30
2-Hz Modulation Laser Acupuncture Induced Limbic system and Brainstem Activations
17th Annual Meeting of the Organization for Human Brain Mapping 2011(HBM 2011)
2. 謝長倬(Chang-Wei Hsieh) 2010.06.6 ~2010.06.10
100-Hz Modulation Laser Acupuncture Induced Specific Cerebral Cortical Activations
16th Annual Meeting of the Organization for Human Brain Mapping 2010(HBM 2010)
3. 謝長倬(Chang-Wei Hsieh) 2011.05.10~2011.05.12
Effects of Regular Respiration and Title Angle Altering on the Cardiovascular System
The 5th International Conference on Bioinformatics and Biomedical Engineering (iCBBE 2011)
4. 謝長倬(Chang-Wei Hsieh) 2009.09.1 ~2009.09.7
Low Level Laser Stimulation of K1 Acupoint Induced Precuneus Activations
World Congress on Medical Physics and Biomedical Engineering
5. 謝長倬(Chang-Wei Hsieh) 2009.06.18~2009.06.23
10-Hz Modulation Laser Acupuncture Induced Specific Cerebral Cortical Activations
15th Annual Meeting of the Organization for Human Brain mapping
6. 謝長倬(Chang-Wei Hsieh) 2009.06.18~2009.06.23
The Exploring of Buddhist Meditation by Using fMRI
15th Annual Meeting of the Organization for Human Brain mapping
7. 謝長倬(Chang-Wei Hsieh) 2009.06.18~2009.06.23
Brain Functional Mapping on Physiological Regulating Phenomena during Meditation Exercise
15th Annual Meeting of the Organization for Human Brain mapping
8. 謝長倬(Chang-Wei Hsieh) 2008.06. ~ . . .
The Comparison of Buddhist Meditation with Different Phrases by Using fMRI
14th Annual Meeting of the Organization for Human Brain mapping

- 9. 謝長倭(Chang-Wei Hsieh) 2007.08.23~2007.08.26**
Ultra-fast Brain MR Imaging Using Simultaneous Multi-slice Acquisition (SMA) Technique
Proceedings of IEEE-EMBS Conference on Biomedical Engineering
- 10. 謝長倭(Chang-Wei Hsieh) 2007.06. ~ . . .**
Buddhist Meditation: An fMRI Study
13th Annual Meeting of the Organization for Human Brain mapping
- 11. 謝長倭(Chang-Wei Hsieh) 2006.08.27~2006.09.1**
Study of Human Affective Response on Multimedia Contents
World Congress on Medical Physics and Biomedical Engineering
- 12. 謝長倭(Chang-Wei Hsieh) 2008.12.12~2008.12.13**
探討雷射針灸刺激神門穴的脈搏變化
中華民國九十七年醫學工程科技研討會
- 13. 謝長倭(Chang-Wei Hsieh) 2006.08.27~2006.09.1**
Electric Magnetic Analysis of Micro-Fabricated Magnetic Resonance Imaging Coils
World Congress on Medical Physics and Biomedical Engineering
- 14. 謝長倭(Chang-Wei Hsieh) 2006.12.15~2006.12.16**
多媒體使用者生理訊號偵測與其情緒變化之評估
中華民國九十五年醫學工程科技研討會
- 15. 謝長倭(Chang-Wei Hsieh) 2010.10.10~2010.10.11**
探索100-Hz調變低功率雷射照射湧泉穴之大腦皮層反應
中華民國九十九年醫學工程科技研討會
- 16. 謝長倭(Chang-Wei Hsieh) 2006.12.15~2006.12.16**
微製程磁振造影線圈之電磁分析
中華民國九十五年醫學工程科技研討會
- 17. 謝長倭(Chang-Wei Hsieh) 2006.08.27~2006.09.1**
Design of a High-Temperature Superconducting RF Coil Platform for Rat on 3T MRI System
World Congress on Medical Physics and Biomedical Engineering
- 18. 謝長倭(Chang-Wei Hsieh) 2006.12.15~2006.12.16**
應用功能性磁振造影技術探索有為法及無為法靜坐之大腦反應
中華民國九十五年醫學工程科技研討會
- 19. 謝長倭(Chang-Wei Hsieh) 2006.08.27~2006.09.1**
Forced and Non-forced Chinese Meditation Studies
World Congress on Medical Physics and Biomedical Engineering
- 20. 謝長倭(Chang-Wei Hsieh) 2006.12.15~2006.12.16**
高溫超導射頻線圈平台使用在3T磁振造影系統
中華民國九十五年醫學工程科技研討會
- 21. 謝長倭(Chang-Wei Hsieh) 2010.10.10~2010.10.11**
探討雷射針灸照射湧泉穴的脈搏變化
中華民國九十九年醫學工程科技研討會
- 22. 謝長倭(Chang-Wei Hsieh) 2006.04.26~2006.04.28**
Study of Micro-Fabricated Radio Frequency Coils forMagnetic Resonance Image
2006 奈米元件研討會

- 23. 謝長倭(Chang-Wei Hsieh) 2005.12.17~2005.12.18**
應用功能性磁共振造影技術探索無為法靜坐引?中松果體之反應
中華民國九十四年醫學工程科技研討會
- 24. 謝長倭(Chang-Wei Hsieh) 2010.10.10~2010.10.11**
規律呼吸與仰臥角度變動對血管的影響
中華民國九十九年醫學工程科技研討會
- 25. 謝長倭(Chang-Wei Hsieh) 2005.12.17~2005.12.18**
生理訊號情緒辨識系統
中華民國九十四年醫學工程科技研討會
- 26. 謝長倭(Chang-Wei Hsieh) 2005.04.12~2005.04.12**
中國正宗靜坐的大腦反應現象及生理意義研究
2005年「身、心、靈科學」學術研討會論文集
- 27. 謝長倭(Chang-Wei Hsieh) 2009.10.11~2009.10.12**
利用功能性磁共振造影技術探索低功率雷射照射湧泉穴的反應
中華民國九十八年醫學工程科技研討會
- 28. 謝長倭(Chang-Wei Hsieh) 2004.12.17~2004.12.18**
同調性分析於功能性磁共振造影之研究
中華民國九十三年醫學工程科技研討會
- 29. 謝長倭(Chang-Wei Hsieh) 2004.04.10~2004.04.10**
應用功能性磁共振影像技術探索中國正宗靜坐之大腦反應現象
2004年「身、心、靈科學」學術研討會論文集
- 30. 謝長倭(Chang-Wei Hsieh) 2009.10.11~2009.10.12**
探討雷射針灸刺激血海穴的脈搏變化
中華民國九十八年醫學工程科技研討會
- 31. 謝長倭(Chang-Wei Hsieh) 2003.12.12~2003.12.13**
以脈搏頻譜分析的方式評估副交感神經對血管的作用
中華民國九十二年醫學工程科技研討會
- 32. 謝長倭(Chang-Wei Hsieh) 2006.06. ~ . . .**
Studies of Chinese Original Quiet Sitting by Using Functional Magnetic Resonance Imaging :Exploring the Brain Activation Area of "Allow its Natural Workings" Stage
12th Annual Meeting of the Organization for Human Brain mapping
- 33. 謝長倭(Chang-Wei Hsieh) 2005.09.7 ~2005.09.10**
Diffusion Tensor MRI Using Bi-2223 Tape RF coil
Proc 4th Annual Meeting of The Society for Molecular Imaging
- 34. 謝長倭(Chang-Wei Hsieh) 2004.06.13~2004.06.17**
Studies of Forced and Non-forced Chinese Meditation by Using Functional Magnetic Resonance Imaging
10th Annual Meeting of the Organization for Human Brain mapping
- 35. 謝長倭(Chang-Wei Hsieh) 2005.09.1 ~2005.09.4**
Implementation of High-Temperature Superconducting tapes RF coils for 3T MRI system
Proceedings of IEEE-EMBS Conference on Biomedical Engineering
- 36. 謝長倭(Chang-Wei Hsieh) 2006.10. ~ . . .**
Buddhist Meditation fMRI: A Preliminary Study

12th Annual Meeting of the Organization for Human Brain mapping

37. 謝長倭(Chang-Wei Hsieh) 2005.09.1 ~ .09.4

Comparison of fMRI BOLD Effect and Arterial Pulsation Harmonic Distribution among Different Breathing Rate

27th Annual International Conference of IEEE Engineering in Medicine and Biology Society (EMBS)

38. 謝長倭(Chang-Wei Hsieh) 2005.09.1 ~2005.09.4

Non-invasive Fiber Tracking on Diffusion Tensor MRI Using High-Temperature Superconducting Tape RF coil

Proceedings of IEEE-EMBS Conference on Biomedical Engineering

39. 謝長倭(Chang-Wei Hsieh) 2005.09.1 ~2005.09.4

Studies of Chinese Original Quiet Sitting By Using Functional Magnetic Resonance Imaging

27th Annual International Conference of IEEE Engineering in Medicine and Biology Society (EMBS)

40. 謝長倭(Chang-Wei Hsieh) 2005.11.21~2005.11.24

Implementation of Bi-2223 HTS tapes as RF Coils for 3T MRI System

Tencon 2005-2005 IEEE Region 10

41. 謝長倭(Chang-Wei Hsieh) 2005.09.1 ~2005.09.4

Preliminary study of planar RF coils for Magnetic Resonance Microscopy

Proceedings of IEEE-EMBS Conference on Biomedical Engineering

42. 謝長倭(Chang-Wei Hsieh) 2005.11.21~2005.11.24

Use of High-Tc Superconducting Tape RF Coils for Non-invasive Fiber Tracking on Diffusion Tensor MRI application

Tencon 2005-2005 IEEE Region 10

43. 謝長倭(Chang-Wei Hsieh) 2005.05.7 ~2005.05.13

Diffusion Tensor MRI Using High-Temperature Superconducting Tape RF coil

Proc. 13th ISMRM Ann Meeting

44. 謝長倭(Chang-Wei Hsieh) 2005.06.16~ . .

Studies of Chinese Original Quiet sitting by Using Functional Magnetic Resonance Imaging: Exploring the Brain Activation Area of

11th Annual Meeting of the Organization for Human Brain mapping

45. 謝長倭(Chang-Wei Hsieh) 2006.08.27~2006.09.1

World Congress on Medical Physics and Biomedical Engineering 2006