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| --- | --- | --- | --- | --- | --- | --- | --- |
| **個人簡歷表** | | | | | | | |
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| **學歷** | **學校** | **系/所** | | | **學位** | | **修業起迄年月** |
| 國立體育大學 | 運動科學研究所 | | | 博士 | | 2014年9月至2019年6月 |
| 國立體育大學 | 運動科學研究所 | | | 碩士 | | 2012年9月至2014年6月 |
| 高雄醫學大學 | 運動醫學系 | | | 學士 | | 2008年9月至2012年6月 |
| **現職與學術經歷** | 時間 | | 工作單位 | | | 職稱 | |
| 2021年 – 迄今 | | 國立體育大學  運動科學研究所 | | | 助理教授  (助理字第151938號) | |
| 2021年1月至2021年7月 | | 國立體育大學  運動科學研究所 | | | 博士級研究人員 | |
| 2020年9月至2020年12月 | | 國立體育大學  運動科學研究所 | | | 專案助理 | |
| **研究專 長** | 運動科學、運動生物力學、運動醫學、穿戴裝置應用 | | | | | | |
| **個人證照**  **及證書** | 1. **飛鏢丙級裁判證** (證號：102丙裁001) 2. **飛鏢丙級教練證** (證號：102丙教001) 3. **財團法人中華肌內效協會 C及認證證書** (肌證字第2013122213號) 4. **中華民國自由車協會C級裁判證** (證號：C10805016T) 5. **桃園市急救教育訓練合格證明** (測驗日期：2020/10/19) | | | | | | |

* **近五年研究成果敘述**

1. **期刊論文：(JCR Science Edition 2020) [Q1：2篇；Q2：10篇；Q3：0篇；Q4：1篇]**
   1. Fang Li, **Chun-Hao Chang**, Yu-Chun Chung, Huey-June Wu, Nai-Wen Kan, Wen-Sheng ChangChien, Chin-Shan Ho, Chi-Chang Huang (2021, Oct.). Development and validation of 3-min incremental step in place test for predicting maximal oxygen uptake in home settings: a submaximal exercise study to assess cardiorespiratory fitness. ***International Journal of Environmental Research and Public Health***, 18(20), 10750. **(SCI, SSCI)** (IF: 3.390; Ranking=41/176 (23.3%, Q1) in *PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH*)
   2. Chun-Sheng Ho, Yi-Ju Hsu, Fang Li, Chien-Ching Tang, Cheng-Pang Yang, Chi-Chang Huang, Chin-Shan Ho, **Chun-Hao Chang\*** (2021, May). Effect of Ambulance Stretcher Bed Height Adjustment on CPR Quality and Rescuer Fatigue in a Laboratory Environment. ***International Journal of Medical Sciences***, 18(13), 2783-2788. (Corresponding Author) **(SCI)** (IF: 3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
   3. Mon-Chien Lee, Yi-Ju Hsu, Chin-Shan Ho, **Chun-Hao Chang**, Ching-Wen Liu, Chi-Chang Huang, Wen-Dee Chiang (2021, May). Evaluation of the Efficacy of Supplementation with Planox® Lemon Verbena Extract in Improving Oxidative Stress and Muscle Damage: A Double-Blind Controlled Trial. ***International Journal of Medical Sciences***, 18(12), 2641-2652. **(SCI)** (IF: 3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
   4. **Chun-Hao Chang**, Yi-Ju Hsu, Fang Li, Yuan-Shuo Chan, Ching-Ping Lo, Guan-Jian Peng, Chin-Shan Ho, Chi-Chang Huang (2021, Apr). The feasibility of emergency medical technicians performing intermittent high-quality cardiopulmonary resuscitation. ***International Journal of Medical Sciences***, 18(12), 2615-2623. **(SCI)** (IF: 3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
   5. Shih-Chung Cheng, Ting-Yu Wan, **Chun-Hao Chang** (2021, Mar). The Relationship between the Glenohumeral Joint Internal Rotation Deficit and the Trunk Compensation Movement in Baseball Pitchers. ***Medicina (Kaunas)***, 57(3), 243. **(SCI)** (IF: 2.430; Ranking=80/169 (47.3%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
   6. Mon-Chien Lee, Wei-Lun Jhang, Chia-Chia Lee, Nai-Wen Kan, Yi-Ju Hsu, Chin-Shan Ho, **Chun-Hao Chang**, Yi-Chen Cheng, Jin-Seng Lin, Chi-Chang Huang (2021, Feb). The Effect of Kefir Supplementation on Improving Human Endurance Exercise Performance and Antifatigue. ***Metabolites***, 11(3), 136. **(SCI)** (IF: 4.932; Ranking=94/297 (31.5%, Q2) in *BIOCHEMISTRY & MOLECULAR BIOLOGY*)
   7. **Chun-Hao Chang**, Yi-Ju Hsu, Fang Li, Yu-Tsai Tu, Wei-Lun Jhang,Chih-Wen Hsu, Chi-Chang Huang, Chin-Shan Ho (2020, Aug). Reliability and validity of the physical activity monitor for assessing energy expenditures in sedentary, regularly exercising, non-endurance athlete, and endurance athlete adults. ***PeerJ***, 8, e9717. **(SCI)** (IF: 2.984; Ranking=27/73 (37.0%, Q2) in *MULTIDISCIPLINARY SCIENCES*) [MOST 107-2410-H-179-007 to Chin-Shan Ho] **[教育部體育署-110年度運動科學研究發展獎勵-佳作]** [Honorable Mention Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.]
   8. Chin-Shan Ho, **Chun-Hao Chang**, Yi-Ju Hsu, Yu-Tsai Tu, Fang Li, Wei-Lun Jhang, Chih-Wen Hsu, Chi-Chang Huang (2020, Jun). Feasibility of the Energy Expenditure Prediction for Athletes and Non- Athletes from Ankle-Mounted Accelerometer and Heart Rate Monitor. ***Scientific Reports***, 10, 8816, doi.org/10.1038/s41598-020-65713-7. **(SCI)** (IF=4.379; Ranking=17/73 (23.3%, Q1) in *MULTIDISCIPLINARY SCIENCES*) [MOST 107-2410-H-179-007 to Chin-Shan Ho]
   9. Min-Hsien Wang, Ke-Chou Chen, Min-Hao Hung, Chi-Yao Chang, Chin-Shan Ho, **Chun-Hao Chang**, Kuo-Chuan Lin (2020, Jun). Effects of Plyometric Training on Surface Electromyographic Activity and Performance during Blocking Jumps in College Division I Men's Volleyball Athletes. ***Applied Sciences***, 10(13), 4535. **(SCI)** (IF=2.679; Ranking=38/91 (41.8%, Q2) in *ENGINEERING, MULTIDISCIPLINARY*)
   10. Chin-Shan Ho, **Chun-Hao Chang**, Kuo-Chuan Lin, Chi-Chang Huang, Yi-Ju Hsu (2019, Nov). Correction of estimation bias of predictive equations based on wrist/waist-worn accelerometer of energy expenditure. ***PeerJ***, 7, e7973. (Co-first Author) **(SCI)** (IF: 2.984; Ranking=27/73 (37.0%, Q2) in *MULTIDISCIPLINARY SCIENCES*) [MOST 107-2410-H-179-007 to Chin-Shan Ho]
   11. Po-An Tai, Yi-Ju Hsu, Wen-Ching Huang, **Chun-Hao Chang**, Yi-Hsun Chen, Chi-Chang Huang, Li Wei (2019, Oct). Congenital exercise ability ameliorates muscle atrophy but not spinal cord recovery in spinal cord injury mouse model. ***International Journal of Medical Sciences***, 16(12), 1549-1556. **(SCI)** (IF: 3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
   12. **Chun-Hao Chang**, Chin-Shan Ho, Min-Hao Hung, Yu-Tsai Tu, Yi-Chen Tsai, Kuo-Chuan Lin (2019, Jun). Effect of Different Kensio Taping Methods on Mechanical Parameters of Lower Extremity Joints During Landing in Women. ***Adaptive Medicine***, 11(2), 48-54.
   13. **Chun-Hao Chang**, Kuo-Chuan Lin, Chin-Shan Ho, Chi-Chang Huang (2019, Jan). Accuracy of the energy expenditure during uphill exercise measured by the Waist-worn ActiGraph. ***Journal of Exercise Science & Fitness***, 17(2), 62-66. **(SCI)** (IF: 3.103; Ranking=32/88 (36.4%, Q2) in *SPORT SCIENCES*) [NSC 102-2410-H-179-013-MY2 to Chin-Shan Ho]
   14. Chin-Shan Ho, Kuo-Chuan Lin, Ke-Chou Chen, Zheng-Tong Yan, **Chun-Hao Chang** (2016, Jun). Mechanical factors associated with the development of training volleyball. ***Journal of Sports Engineering and Technology***, 230(2), 84-89. **(SCI)** (IF: 1.263; Ranking=79/88 (89.8%, Q4) in *SPORT SCIENCES*)
   15. 賴安柔、毛慧芬、**張淳皓**、何金山、杜育才（2020年11月）。懷舊與現實導向治療計畫對於血管性失智合併髖關節骨折之成效－病例報告。***北市醫學雜誌***，18(1), 75-85。**(TSCI)**