



YO CHEN 陳佑

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Laboratory of Sports Biomechanics

Research Field

Kinematics, Gait Analysis, Sports performance.

Education

Ph. D., Physical Education, National Taiwan Normal University, Taiwan

Publications

1.1 Journal Papers

- 1.1.1 **Yo Chen**, Tang-Yun Lo, Fei Xu, Jia-Hao Chang (2021). Biomechanical characteristics for identifying the cutting direction of professional soccer players. *Applied Sciences*, 11(16), 7193. (SCI/SCIE, IF: 2.679)
- 1.1.2 **Yo Chen**, Yi-Chen Chou, Tang-Yun Lo, Wen-Hsing Chang, Jia-Hao Chang (2020) Kinematics differences between personal best and worst throws in actual javelin competition. *International Journal of Performance Analysis in Sport*, 20(1), 10-18. (SCI/SCIE, IF:1.573)
- 1.1.3 **Yo Chen**, Zheng-Yang Xie, Ko-Yin Huang, Hui-Ting Lin, Jia-Hao Chang. Biomechanical analysis to determine the most effective posture during squats and half squats while lifting weights in women (2020). *Journal of Medical and Biological Engineering*, 40, 334-339. (SCI/SCIE, IF:1.307)
- 1.1.4 Tang-Yun Lo, **Yo Chen**, Wu-Ye Chang, Chien Huang, Jia-hao Chang (2019). Kinematics analysis of cutting with dribbling during different approach speeds and cutting directions in soccer. *International journal of performance analysis in sport*, 19(2), 216-226. (SCI/SCIE, IF:1.573).
- 1.1.5 **Yo Chen**, Cho-Wei Lee, Yu-Lan Chen, Hui-Ting Lin, Jia-Hao Chang (2017). Biomechanical characteristics in yoga sirsasana. *Journal of Mechanics in Medicine & Biology*, 17(3), 17500531-17500539. (SCI/SCIE, IF:0.875)
- 1.1.6 **Yo Chen**, Kuang-Ya Wu, Yu-Ju Tsai, Wen-Tien Yang, Jia-Hao Chang (2016) The kinematics differences in three types of crouched positions during a sprint start. *Journal of Mechanics in Medicine & Biology*, 16(7), 16500991-165009912. (SCI/SCIE, IF: 0.934)

1.2 Conference Papers

- 1.2.1 **Yo Chen** (2021, Oct). The Change of Knee Varus Angle During Barefoot and Shod Walking. The 8th Asian Society of Sport Biomechanics Conference, Taiwan. MOST 110-2410-H-153-001.
- 1.2.2 **Yo Chen**, Wu-Yen Chang, Wen-Tien Yang, Jia-Hao Chang (2016, Jul). The electromyography characteristics between different levels of soccer player on instep kicking. The 34th International Society of Sport Biomechanics Conference, Ibaraki: Japan.
- 1.2.3 **Yo Chen**, Wu-Yen Chang, Jia-Hao Chang (2015, Jul). The kinetics chain analysis in different levels of soccer players during instep kick. 2015 International Conference on Biomechanics, Glasgow, UK. MOST-104-2922-I-003-057.
- 1.2.4 **Yo Chen**, Jia-Hao Chang, Hui-Ting Lin (2014, Sep). The effects of kicking with arm swing in college level II soccer players. The 5th Asian Society of Sport Biomechanics Conference, Taipei.

Academic Projects

2.1 MOST

112-2410-H-153 -016 -Analysis of Run up with Pole Holding Technique of Pole vaulters.

110-2410-H-153-001-Biomechanical analysis of the risk of knee osteoarthritis in the middle-aged and elderly people during long-term regular exercise.

2.2 MOE

Project of the topic oriented cross disciplinary narrative cultivation.

2.3 Others

I Taiwan Sports 2.0 Program - Cultivate and Integrate Public Fitness Instructor Program.

Relevant Experience

3.1 Academic Experience

2016 Postdoc researcher in National Taiwan Normal University.

3.2 Teaching Experience

2017-2020 School of Physical education, Hangzhou Normal University.