

**Name :**

Mau-Chin Lin

**Education :**

- National Yang-Ming University Department of dentistry Ph D program
- Chung Shan Medical University Graduate Institute of Oral Science Master program
- Central Taiwan University of Science and Technology Department of Dental Technology and Science

**Career Experience :**

Dental Laboratory / technician

CTUST / Department of property management / director

CTUST / Department of dental technology and materials science/ Associate director

**Courses Taught :**

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**Professional Fields :**

- Fixed Prosthodontic manufacture
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**Research Interests :**

- Mechanical Properties of Dental materials

**Representative Publication in 5 Years :****Journal Articles :**

1. Mau-Chin Lin, Her-Hsiung Huang. Improvement in dental porcelain bonding to milled, non-cast titanium surfaces by gold sputter coating. Journal of Prosthodontics.
2. Her-Hsiung Huang, Hsun-Miao Huang, Mau-Chin Lin, Wei Zhang, Ying-Sui Sun, Wu Kai, Peter K. Liaw. Enhancing the bio-corrosion resistance of Ni-free ZrCuFeAl bulk metallic glass through nitrogen plasma immersion ion implantation. Journal of Alloys and Compounds.
3. Her-Hsiung Huang, Chia-PingWu, Ying-Sui Sun,Wei-En Yang, Mau-Chin Lin, Tzu-Hsin Lee. Surface nanoporosity of  $\beta$ -type Ti - 25Nb - 25Zr alloy for the enhancement of protein adsorption and cell response. Surface & Coatings Technology.
4. Mau-Chin Lin, Kuo-Lung Tung, Sheng-Chieh Lin, Her-Hsiung Huang. Bonding of dental porcelain to non-cast titanium with different surface treatments. Dental Materials Journal.
5. Chih-Hsiung Yang, Yu-Tsai Wang, Wen-Fa Tsai, Chi-Fong Ai, Mau-Chin Lin, Her-Hsiung Huang. Effect of oxygen plasma immersion ion implantation treatment on corrosion resistance and cell adhesion of titanium surface. Clinical Oral Implants Research
6. Jeng-Fen Liu, Mau-Chin Lin, Ming-Lun Hsu, Uei-Ming Li, Chun-Pin Lin, Wen-Fa Tsai, Chi-Fong Ai, Li-Kai Chen, Her-Hsiung Huang. Effect of nitriding surface treatment on the corrosion resistance of dental nickel–titanium files in 5.25% sodium hypochlorite solution. Journal of Alloys and Compounds.
7. Wei-En Yang, Mau-Chin Lin, Ming-Lun Hsu, Zhi-Hwa Chen, Li-Kai Chen, Her-Hsiung Huang. Nano/submicron-scale TiO<sub>2</sub> network on titanium surface for dental implant application. Journal of Alloys and Compounds.
8. Her-Hsiung Huang, Jing-Yi Chen, Mau-Chin Lin, Yu-Tsai Wang, Tien-Lin Lee, Li-Kai Chen.

Blood responses to titanium surface with TiO<sub>2</sub> nanomesh structure. Clinical Oral Implants Research.

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