

Name : Cheng-Wei Lin
Education : M.D., Institute of Biomedical Engineering and Materials Science, Central Taiwan University of Science and Technology.
Career Experience : Lecturer, Department of Dental Laboratory Technology, Min-Hwei College of Health Care Management
Courses Taught : <ul style="list-style-type: none"> □ Design and Application of Orthodontic Technology and Lab □ Clinical Dental Morphology and Lab □ Dental CAD/CAM □ Dental Materials □ Lab. of Dental Materials □ Introduction and Occupational Ethics of Dental Technology
Professional Fields : <ul style="list-style-type: none"> □ Dental Technology □ Fixed Prosthodontics Technology □ Orthodontic Technology □ Biomaterial
Research Interests : <ul style="list-style-type: none"> □ Biomedical Engineering □ Surface coating □ Orthodontic of arch wire □ Dental alloy □ Titanium alloy
Representative Publication in 5 Years : Journal Articles : <ol style="list-style-type: none"> 1. C. W. Lin, C. J. Chung, C. M. Chou*, J. L. He, “Morphological effect governed by sandblasting and anodic surface reforming on the super-hydrophobicity of AISI 304 stainless steel”, Thin Solid Films, (2016) 2. C. R. Hsiao, C. W. Lin, C. M. Chou, C. J. Chung*, J. L. He, “Surface modification of blood-contacting biomaterials by plasma-polymerized super-hydrophobic films using hexamethyldisiloxane and tetrafluoromethane as precursors”, Applied Surface Science, 346 (2015) 50-56. 3. S. C. Wu, W. F. Ho, C. W. Lin, H. KIKUCHI, F. T. Lin, H. C. Hsu*, “Surface characterization and bond strengths between Ti-20Cr-1X alloys and low-fusing porcelain”, Dental Materials Journal, 30 (2011) 368–373. 4. W. F. Ho, S. C. Wu, C. W. Lin, S. K. Hsu, H. C. Hsu*, “Electrochemical behavior of Ti-20Cr-X alloys in artificial saliva containing fluoride”, Journal of Applied

Electrochemistry, 41 (2011) 337–343.

Conference Papers :

- 1. C. W. Lin, C. M. Chou, C. J. Chung, J. L. He, "Morphological effect governed by sandblasting and anodic surface reforming on the super-hydrophobicity of AISI 304 stainless steel", The International Conference on Metallurgical Coatings and Thin Films (ICMCTF), D2–2–3, April 25–29, 2016, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
- 2. C. W. Lin*, C. M. Chou, C. J. Chung, J. L. He, "Hydrophobic AISI 304 stainless steel surface prepared by electrochemical treatment and fluorocarbon coating for orthodontic application".**
- 3. C. W. Lin, C. M. Chou, C. J. Chung*, J. L. He, "Super-hydrophobic AISI 304 stainless steel surface prepared by electrochemical treatment and fluorocarbon coating for orthodontic application", The International Conference on Metallurgical Coatings and Thin Films (ICMCTF), D1–10, p.64, April 20–24, 2015, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
- 4. C. R. Hsiao, C. W. Lin, C. M. Chou, C. J. Chung*, J. L. He, "Surface modification of blood-contacting biomaterials by plasma-polymerized super-hydrophobic films using hexamethyldisiloxane and tetrafluoromethane as precursors", The International Conference on Metallurgical Coatings and Thin Films (ICMCTF), DP–7, p.104, April 20–24, 2015, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**

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