# 中臺科技大學教師個人資料表

## 一、基本資料

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| 中文姓名 | 林正偉 | 英文姓名 | Lin Cheng Wei |
| | | | (Last Name)　(First Name)　(Middle Name) |
| 聯絡電話 | 校內分機：7420　(宅)：　　(手機)： | | |
| e-mail | 107652@ctust.edu.tw | | |

## 二、主要學歷 請填學士級以上之學歷或其他最高學歷均可，若仍在學者，請在學位欄填「肄業」。

| 畢／肄業學校 | 國別 | 主修學門系所 | 學位 | 起訖年月(西元年/月) |
|---|---|---|---|---|
| 逢甲大學 | 中華民國 | 材料科學與工程學系 | 博士 | 2015/09 至 2020/01 |
| 中臺科技大學 | 中華民國 | 醫學工程暨材料研究所 | 碩士 | 2007/09 至 2009/08 |
| 中臺科技大學 | 中華民國 | 牙體技術系 | 學士 | 2005/09 至 2007/06 |

## 三、現任系所及與專長相關之經歷 指與研究相關之專任職務，請依任職之時間先後順序由最近者往前追溯。

| 服務單位 | 職稱 | 起訖年月(西元年/月) |
|---|---|---|
| 現職： | | |
| 中臺科技大學牙體技術暨材料系 | 助理教授 | 2020/08 |
| 經歷： | | |
| 中臺科技大學牙體技術暨材料系 | 專任講師 | 2012/09 至 2020/07 |
| 敏惠醫護管理專科學校牙體技術科 | 專任講師 | 2010/09 至 2012/08 |
| 黃丁文齒模工作坊 | 牙技人員 | 2002/09 至 2007/06 |

## 四、專長 請自行填寫與研究方向有關之學門名稱。

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|---|---|---|---|
| 1.　固定義齒製作 | 2.　齒顎矯正製作 | 3.　生醫材料 | 4.　金屬材料 |
| 5.　表面改質 | 6. | 7. | 8. |

**Representative Publication in 10 Years：**

**Journal Articles：**

1. **M. Yan, S. J. Ding, C. W. Lin, C. L.Wei, Y. W. Huang, C. C. Yang*, "Aging resistance of highly translucent zirconia ceramics with rapid sintering", Journal of Oral Science, 65 (2023) 15-19.**
2. **C. W. Lin, P. Y. Hsieh, C. M. Chou*, C. J. Chung, J. L. He, "Femtosecond laser surface roughening and pulsed plasma polymerization duplex treatment on medical-grade stainless steel substrates for orthodontic purpose", Surface and Coatings Technology, 427 (2021).**
3. **C. W. Lin, C. J. Chung, C. M. Chou*, J. L. He, "In vitro wear tests of the dual-layer grid blasting-plasma polymerized superhydrophobic coatings on stainless steel orthodontic substrates", Thin Solid Films, (2019).**
4. **W. C. Peng*, C. W. Lin, J. L. He, S. L. Ou, C. L. Tien, K. C. Liu, "Preparation of hydrophobic thin film by PECVD technology for optical lens", Journal of Taiwan Vacuum Society, (2019).**
5. **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) 88-93.**
6. **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.**
7. **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.**
8. **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. **H. C. Hsu, H. Y. Wang, T. P. Yeh, S. K. Hsu, C. W. Lin*, "Preparation of dental composite materials by polymer-infiltrated-ceramic-network (PICN) technique", The 84th General Session of the Japanese Society for Dental Materials and Devices, P-50, April 18–19, 2026, The Japanese Society for Dental Materials and Devices, Tokyo, Japan.**
2. **C. W. Lin, C. M. Chou, C. J. Chung*, J. L. He, "Superamphiphobic stainless steel surface prepared by femtosecond laser patterning and pulsed plasma-polymerization", 47th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), DP–8, April 26–30, 2021, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
3. **C. W. Lin, C. M. Chou, C. J. Chung, J. L. He, "In vitro Wear Tests of the Dual-layer Grid Blasting-plasma Polymerized Superhydrophobic Coatings", The 46th International**

**Conference on Metallurgical Coatings and Thin Films (ICMCTF), DP–ThP11, May 19–24, 2019, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**

4. **C. W. Lin, G. H. Lu, X. X. Chang, P. Y. Hsieh, C. M. Chou, C. J. Chung, J. L. He , "Superamphiphobic Surface Produced by Femtosecond Laser Patterning and Pulsed Plasma Polymerization", The 46th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), B5–1–ThA9, May 19–24, 2019, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
5. **C. W. Lin, C. M. Chou, C. J. Chung, J. L. He, "Biocompatibility and Antimicrobial Performance of a Durable Superhydrophobic Surface Modified Stainless Steel", The 45th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), D1–24, April 23–27, 2018, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
6. **C. W. Lin, J. L. He, "Anti-staining Coatings on PET Fabrics by Using a Spraying/ PlasmaPolymerization Duplex Technique", The 45th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), BP–21, April 23–27, 2018, Advanced Surface Engineering Division of the AVS, San Diego, California, USA.**
7. **C. W. Lin, C. M. Chou, C. J. Chung, J. L. He, "Mechanical Durability of the Super-Hydrophobic Coating on Stainless Steel Prepared by Grid Blasting/Plasma Polymerization", The 60th Annual Society of Vacuum Coaters Technical Conference, April 29–May 9, 2017, Society of Vacuum Coaters (SVC™), Providence, Rhode Island, USA.**
8. **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 43rd 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.**
9. **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", International Conference of Digital Dental Technology, May 30-31, 2015, Taiwan Association of Dental Technology, Taipei, Taiwan.**
10. **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 42nd 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.**
11. **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 42nd 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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| **Telephone：**<br>**04-22397647#7420** |
| **Mail：**<br>**107652@ctust.edu.tw** |