

- **International Journals**

1. **Li-Chun Chang***, Yu-Zhe Zheng, Yung-I Chen, "Mechanical Properties of Zr–Si–N Films Fabricated through HiPIMS/RFMS Co-Sputtering, " *Coatings* 8 (2018, Aug) 263. (SCIE, 2017 IF: 2.350, 5/19 in Materials Science, Coatings & Films)
2. Cheng-Lin Cho, Hsuan-Ling Kao, Yung-Hsien Wu, Hsien-Chin Chiu, **Li-Chun Chang**, "Fully Inkjet-Printed Dual-Mode Ring Bandpass Filter Using a Cross-Bridge Structure Embedded With a Metal–Insulator–Metal Capacitor," *IEEE Transactions on Components, Packaging and Manufacturing Technology* (2018, Jun accepted). (SCI, 2017 IF: 1.66, 142/260 in Engineering, Electrical & Electronic)
3. Yung-I Chen, Yu-Xiang Gao, **Li-Chun Chang**, Yi-En Ke, Bo-Wei Liu, "Mechanical properties, bonding characteristics, and oxidation behaviors of Nb–Si–N coatings," *Surface and Coatings Technology*, DOI: 10.1016 /j.surfcoat.2018.04.042Article accepted for publication 11 Apr 2018.
4. **Li-Chun Chang**, Cheng-Lin Cho, Sameer Bachani, Hsuan-Ling Kao "Inkjet-Printed Interdigital Bandpass Filter with Wide Stopband using Multilayer Liquid Crystal Polymer Technique," *International Journal of Antennas and Propagation*, 2018 (2018, May) 6161427. (SCIE, 2017 IF: 1.378, 168/260 in Engineering Electrical & Electronic)
5. **Li-Chun Chang**, Yu-Zhe Zheng, Yung-I Chen, Shan-Chun Chang, Bo-Wei Liu, "Bonding Characteristics and Chemical Inertness of Zr–Si–N Coatings with a High Si Content in Glass Molding, " *Coatings* 8(050, (2018, May) 181. (SCIE, 2017 IF: 2.350, 5/19 in Materials Science, Coatings & Films)
6. Cheng-Lin Cho, Hsuan-ling Kao, Yung-Hsien Wu, **Li-Chun Chang**, Chun-Hu Cheng "Direct Fabrication of Inkjet-Printed Dielectric Film for Metal–Insulator–Metal Capacitors," *Journal of Electronic Materials*, 47 (2018, Jan) 677-683. (SCIE, 2017 IF: 1.566, 150/260 in Engineering Electrical & Electronic).
7. Yung-I Chen, Yu-Xiang Gao, and **Li-Chun Chang**, "Oxidation behavior of Ta–Si–N coatings," *Surface & Coatings Technology* 332 (2017, Dec) 72–79. (SCI, 2017 IF: 2.906, 4/19 in Materials Science, Coatings & Films)
8. **Li-Chun Chang***, Ching-Yen Chang, and Ya-Wen You, "Ta–Zr–N Thin Films Fabricated through HIPIMS/RFMS Co-Sputtering," *Coatings* 7(11) (2017, Nov) 189. (SCI, 2017 IF: 2.350, 5/19 in Materials Science, Coatings & Films)
9. Cheng-Lin Cho, Hsuan-ling Kao, **Li-Chun Chang**, Yung-Hsien Wu, and Hsien-Chin Chiu "Fully inkjet-printing of metal-polymer-metal multilayer on a flexible liquid crystal polymer substrate," *Surface and Coatings Technology* 320 (2017, Jun) 568–573. (SCI, 2017 IF: 2.906, 4/19 in Materials Science, Coatings & Films)
10. **Li-Chun Chang***, Yu-Zhe Zheng, Yu-Xiang Gao, and Yung-I Chen, "Mechanical properties and oxidation resistance of sputtered Cr–W–N coatings," *Surface & Coatings Technology* 320 (2017, Jun) 196–200. (SCI, 2017 IF: 2.906, 4/19 in Materials Science, Coatings & Films)
11. Yung-I Chen, Shan-Chun Chang, and **Li-Chun Chang**, "Oxidation resistance and mechanical properties of Zr–Si–N coatings with cyclic gradient concentration," *Surface & Coatings Technology* 320 (2017, Jun) 168–173. (SCI, 2017 IF: 2.906, 4/19 in Materials Science, Coatings & Films)

12. Jer-Chyi Wang, Kai-Ping Chang, Chin-Hsiang Liao, Ruey-Dar Chang, Chao-Sung Lai, and **Li-Chun Chang**, “Low-damage NH₃ plasma treatment on SiO₂ tunneling oxide of chemically-synthesized gold nanoparticle nonvolatile memory,” *Current Applied Physics* 16 (2016, May) 605–610. (SCI, 2016 IF: 1.971, 129/275 in Materials Science, Multidisciplinary)
13. Cheng-Lin Cho, Hsuan-Ling Kao, **Li-Chun Chang**, Yung-Hsien Wu, and Hsien-Chin Chiu, “Inkjet-Printed Multilayer Bandpass Filter Using Liquid Crystal Polymer System-on-Package Technology,” *IEEE Transactions on Components, Packaging and Manufacturing Technology* 6(4) (2016, Apr) 622–629. (SCI, 2016 IF: 1.581, 139/262 in Engineering, Electrical & Electronic)
14. **Li-Chun Chang***, Ching-Yen Chang, Yung-I Chen, and Hsuan-Ling Kao, “Mechanical properties and oxidation behaviors of ZrN_x thin films fabricated through high-power impulse magnetron sputtering deposition,” *Journal of Vacuum Science & Technology A* 34 [2] (2016, Mar) 02D107. (SCI, 2016 IF: 1.374, 9/19 in Materials Science, Coatings & Films)
15. Yung-I Chen, Yu-Ren Huang, and **Li-Chun Chang**, “Internal oxidation of laminated Hf–Ru coatings,” *Journal of Vacuum Science & Technology A* 34 [2] (2016, Mar) 02D103. (SCI, 2016 IF: 1.374, 9/19 in Materials Science, Coatings & Films)
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21. Jer-Chyi Wang, Chin-Hsiang Liao, Chih-Ting Lin, Ruey-Dar Chang, **Li-Chun Chang**, Chih-I Wu, and Jung-Hung Chang, “Charge storage characteristics of nonvolatile memories with chemically-synthesized and vacuum-deposited gold nanoparticles,” *Current Applied Physics* 15 (2015, Apr) 535–540. (SCI, 2015 IF: 2.144, 94/271 in Materials Science, Multidisciplinary)
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