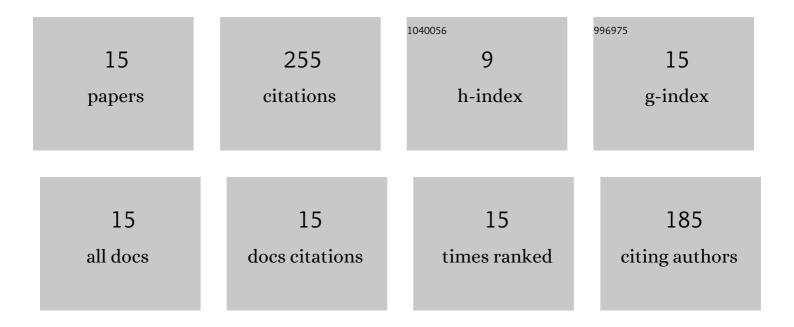
## **Chi-Lung Chang**

List of Publications by Year in descending order

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Сыльные Снале

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mechanical properties of TiN deposited in synchronous bias mode through high-power impulse magnetron sputtering. Surface and Coatings Technology, 2022, 434, 128201.   | 4.8 | 11        |
| 2  | Microstructure and Antimicrobial Properties of Zr-Cu-Ti Thin-Film Metallic Glass Deposited Using<br>High-Power Impulse Magnetron Sputtering. Materials, 2022, 15, 2461.  | 2.9 | 4         |
| 3  | Mechanical properties of amorphous and crystalline CrN/CrAlSiN multilayer coating fabricated using HPPMS. Surfaces and Interfaces, 2022, 31, 102064.   | 3.0 | 5         |
| 4  | The Effect of Match between High Power Impulse and Bias Voltage: TiN Coating Deposited by High<br>Power Impulse Magnetron Sputtering. Coatings, 2021, 11, 822.   | 2.6 | 6         |
| 5  | Effects of Input Power Ratio of AlCr/Ti Target on the Microstructural and Mechanical Properties of<br>AlTiCrN Coatings Synthesized by a High-Power Impulse Magnetron Sputtering Process. Coatings, 2021,<br>11, 826.   | 2.6 | 6         |
| 6  | Effects of duty cycle on microstructure of TiN coatings prepared using CAE/HiPIMS. Vacuum, 2021, 192, 110449.  | 3.5 | 15        |
| 7  | Effects of Substrate Rotation Speed on Structure and Adhesion Properties of CrN/CrAlSiN Multilayer<br>Coatings Prepared Using High-Power Impulse Magnetron Sputtering. Coatings, 2020, 10, 742.  | 2.6 | 10        |
| 8  | Influence of Nitrogen Content and Bias Voltage on Residual Stress and the Tribological and<br>Mechanical Properties of CrAlN Films. Coatings, 2020, 10, 546.   | 2.6 | 42        |
| 9  | Effects of nitrogen-argon flow ratio on the microstructural and mechanical properties of AlCrN coatings prepared using high power impulse magnetron sputtering. Surface and Coatings Technology, 2020, 386, 125484.  | 4.8 | 21        |
| 10 | Effects of nitrogen-argon flow ratio on the microstructural and mechanical properties of<br>TiAlSiN/CrN multilayer coatings prepared using high power impulse magnetron sputtering. Journal of<br>Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 051501. | 2.1 | 12        |
| 11 | Effect of modulation structure on the microstructural and mechanical properties of TiAlSiN/CrN<br>thin films prepared by high power impulse magnetron sputtering. Surface and Coatings Technology,<br>2019, 358, 577-585.  | 4.8 | 29        |
| 12 | Synthesis and characteristics of nc-WC/a-C:H thin films deposited via a reactive HIPIMS process using optical emission spectrometry feedback control. Surface and Coatings Technology, 2018, 350, 1120-1127.   | 4.8 | 9         |
| 13 | Synergetic effect for improved deposition of titanium nitride films. Surface and Coatings Technology, 2018, 350, 1098-1104.  | 4.8 | 16        |
| 14 | Effect of nitrogen-argon flow ratio on the microstructural and mechanical properties of AlSiN thin<br>films prepared by high power impulse magnetron sputtering. Surface and Coatings Technology, 2017,<br>320, 138-145.   | 4.8 | 26        |
| 15 | Influence of bi-layer period thickness on the residual stress, mechanical and tribological properties of nanolayered TiAlN/CrN multi-layer coatings. Vacuum, 2007, 81, 604-609.  | 3.5 | 43        |