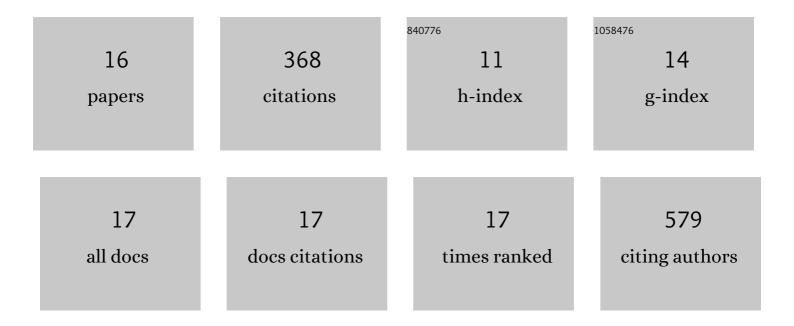
## Jun Yan Lek

List of Publications by Year in descending order

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IIIN YAN LEK

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Effect of coating thickness on microstructure, mechanical properties and fracture behaviour of cold sprayed Ti6Al4V coatings on Ti6Al4V substrates. Surface and Coatings Technology, 2018, 349, 303-317. | 4.8  | 63        |
| 2  | Understanding the microstructural evolution of cold sprayed Ti-6Al-4V coatings on Ti-6Al-4V substrates. Applied Surface Science, 2018, 459, 492-504.   | 6.1  | 52        |
| 3  | Understanding the Effect of Surface Chemistry on Charge Generation and Transport in Poly<br>(3-hexylthiophene)/CdSe Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2011, 3, 287-292.            | 8.0  | 39        |
| 4  | Influence of Particle Velocity When Propelled Using N2 or N2-He Mixed Gas on the Properties of Cold-Sprayed Ti6Al4V Coatings. Coatings, 2018, 8, 327.  | 2.6  | 30        |
| 5  | Microstructure, mechanical and tribological properties of cold sprayed Ti6Al4V–CoCr composite coatings. Composites Part B: Engineering, 2020, 202, 108280.   | 12.0 | 28        |
| 6  | Understanding the Role of Single Molecular ZnS Precursors in the Synthesis of In(Zn)P/ZnS<br>Nanocrystals. ACS Applied Materials & Interfaces, 2014, 6, 18233-18242.                                     | 8.0  | 26        |
| 7  | Effect of Substrate Surface Roughness on Microstructure and Mechanical Properties of Cold-Sprayed<br>Ti6Al4V Coatings on Ti6Al4V Substrates. Journal of Thermal Spray Technology, 2019, 28, 1959-1973.   | 3.1  | 25        |
| 8  | Understanding polycarbazole-based polymer:CdSe hybrid solar cells. Nanotechnology, 2012, 23, 315401.   | 2.6  | 23        |
| 9  | New 3D supramolecular Zn(ii)-coordinated self-assembled organic networks. Journal of Materials<br>Chemistry, 2012, 22, 6218.   | 6.7  | 18        |
| 10 | Synthesis of large CZTSe nanoparticles through a two-step hot-injection method. RSC Advances, 2015, 5, 96593-96600.  | 3.6  | 18        |
| 11 | Stability studies of CdSe nanocrystals in an aqueous environment. Nanotechnology, 2011, 22, 275706.  | 2.6  | 14        |
| 12 | Electron Transport Limitation in P3HT:CdSe Nanorods Hybrid Solar Cells. ACS Applied Materials &<br>Interfaces, 2014, 6, 894-902.   | 8.0  | 10        |
| 13 | Polymer nanofibers: preserving nanomorphology in ternary blend organic photovoltaics. Physical Chemistry Chemical Physics, 2014, 16, 23829-23836.  | 2.8  | 9         |
| 14 | Picosecond dynamics of internal exciton transitions in CdSe nanorods. Physical Review B, 2013, 88, .   | 3.2  | 7         |
| 15 | Characterization of copper conductive ink for low temperature sintering processing on flexible polymer substrate. , 2014, , .  |      | 5         |
| 16 | Time-resolved terahertz spectroscopy of conjugated polymer/CdSe nanorod composites. Proceedings of SPIE, 2010, , .   | 0.8  | 1         |