

Jun Yan Lek

List of Publications by Year in descending order

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16
papers

368
citations

949033

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1181555

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17
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17
docs citations

17
times ranked

669
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microstructure, mechanical and tribological properties of cold sprayed Ti6Al4V/CoCr composite coatings. <i>Composites Part B: Engineering</i> , 2020, 202, 108280. | 5.9 | 28 |
| 2 | Effect of Substrate Surface Roughness on Microstructure and Mechanical Properties of Cold-Sprayed Ti6Al4V Coatings on Ti6Al4V Substrates. <i>Journal of Thermal Spray Technology</i> , 2019, 28, 1959-1973. | 1.6 | 25 |
| 3 | Influence of Particle Velocity When Propelled Using N2 or N2-He Mixed Gas on the Properties of Cold-Sprayed Ti6Al4V Coatings. <i>Coatings</i> , 2018, 8, 327. | 1.2 | 30 |
| 4 | Effect of coating thickness on microstructure, mechanical properties and fracture behaviour of cold sprayed Ti6Al4V coatings on Ti6Al4V substrates. <i>Surface and Coatings Technology</i> , 2018, 349, 303-317. | 2.2 | 63 |
| 5 | Understanding the microstructural evolution of cold sprayed Ti-6Al-4V coatings on Ti-6Al-4V substrates. <i>Applied Surface Science</i> , 2018, 459, 492-504. | 3.1 | 52 |
| 6 | Synthesis of large CZTSe nanoparticles through a two-step hot-injection method. <i>RSC Advances</i> , 2015, 5, 96593-96600. | 1.7 | 18 |
| 7 | Characterization of copper conductive ink for low temperature sintering processing on flexible polymer substrate. , 2014, , . | | 5 |
| 8 | Electron Transport Limitation in P3HT:CdSe Nanorods Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 894-902. | 4.0 | 10 |
| 9 | Understanding the Role of Single Molecular ZnS Precursors in the Synthesis of In(Zn)P/ZnS Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18233-18242. | 4.0 | 26 |
| 10 | Polymer nanofibers: preserving nanomorphology in ternary blend organic photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23829-23836. | 1.3 | 9 |
| 11 | Picosecond dynamics of internal exciton transitions in CdSe nanorods. <i>Physical Review B</i> , 2013, 88, . | 1.1 | 7 |
| 12 | Understanding polycarbazole-based polymer:CdSe hybrid solar cells. <i>Nanotechnology</i> , 2012, 23, 315401. | 1.3 | 23 |
| 13 | New 3D supramolecular Zn(ii)-coordinated self-assembled organic networks. <i>Journal of Materials Chemistry</i> , 2012, 22, 6218. | 6.7 | 18 |
| 14 | Understanding the Effect of Surface Chemistry on Charge Generation and Transport in Poly (3-hexylthiophene)/CdSe Hybrid Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 287-292. | 4.0 | 39 |
| 15 | Stability studies of CdSe nanocrystals in an aqueous environment. <i>Nanotechnology</i> , 2011, 22, 275706. | 1.3 | 14 |
| 16 | Time-resolved terahertz spectroscopy of conjugated polymer/CdSe nanorod composites. <i>Proceedings of SPIE</i> , 2010, , . | 0.8 | 1 |