

# Jun Yan Lek

## List of Publications by Year in descending order

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16  
papers

368  
citations

949033

11  
h-index

1181555

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

669  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Understanding the Effect of Surface Chemistry on Charge Generation and Transport in Poly (3-hexylthiophene)/CdSe Hybrid Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 287-292.	4.0	39
4	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
5	Microstructure, mechanical and tribological properties of cold sprayed Ti6Al4V-CoCr composite coatings. <i>Composites Part B: Engineering</i> , 2020, 202, 108280.	5.9	28
6	Understanding the Role of Single Molecular ZnS Precursors in the Synthesis of In(Zn)P/ZnS Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18233-18242.	4.0	26
7	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
8	Understanding polycarbazole-based polymer:CdSe hybrid solar cells. <i>Nanotechnology</i> , 2012, 23, 315401.	1.3	23
9	New 3D supramolecular Zn(ii)-coordinated self-assembled organic networks. <i>Journal of Materials Chemistry</i> , 2012, 22, 6218.	6.7	18
10	Synthesis of large CZTSe nanoparticles through a two-step hot-injection method. <i>RSC Advances</i> , 2015, 5, 96593-96600.	1.7	18
11	Stability studies of CdSe nanocrystals in an aqueous environment. <i>Nanotechnology</i> , 2011, 22, 275706.	1.3	14
12	Electron Transport Limitation in P3HT:CdSe Nanorods Hybrid Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 894-902.	4.0	10
13	Polymer nanofibers: preserving nanomorphology in ternary blend organic photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23829-23836.	1.3	9
14	Picosecond dynamics of internal exciton transitions in CdSe nanorods. <i>Physical Review B</i> , 2013, 88, .	1.1	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. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1