

Yen-Tang Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7
papers

16
citations

3
h-index

4
g-index

7
ext. papers

18
ext. citations

1.8
avg. IF

0
L-index

#	Paper	IF	Citations
7	Optimization of $\mu\text{-Si}_{1-x}\text{Ge}_x\text{:H}$ Single-Junction Solar Cells with Enhanced Spectral Response and Improved Film Quality. <i>International Journal of Photoenergy</i> , 2015 , 2015, 1-9	2.1	
6	Enhancement of Spectral Response in $\mu\text{-Si}_{1-x}\text{Ge}_x\text{:H}$ Thin-Film Solar Cells with a-Si:H/ $\mu\text{-Si:H}$ P-Type Window Layers. <i>International Journal of Photoenergy</i> , 2015 , 2015, 1-8	2.1	1
5	Applications of $\mu\text{-c-SiO}_x\text{:H}$ as integrated n-layer and back transparent conductive oxide for a-Si:H/ $\mu\text{-c-Si:H}$ tandem cells. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 05FV08	1.4	7
4	Improved light management in a-Si:H/ $\mu\text{-Si}_{1-x}\text{Ge}_x\text{:H}$ tandem cells by employing multi-functional n-type microcrystalline silicon oxide. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 05FV09	1.4	1
3	Development of Hydrogenated Microcrystalline Silicon-Germanium Alloys for Improving Long-Wavelength Absorption in Si-Based Thin-Film Solar Cells. <i>International Journal of Photoenergy</i> , 2014 , 2014, 1-7	2.1	3
2	Study of Crystallinity in $\mu\text{-Si:H}$ Films Deposited by Cat-CVD for Thin Film Solar Cell Applications. <i>Materials Research Society Symposia Proceedings</i> , 2010 , 1245, 1		1
1	Influence of Hydrogen on the Germanium Incorporation in a-Si _{1-x} Ge _x :H for Thin-film Solar Cell Application. <i>Materials Research Society Symposia Proceedings</i> , 2010 , 1245, 1		3