

Yew Heng Tan

List of Publications by Year in descending order

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10
papers

249
citations

1477746

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h-index

1473754

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11
all docs

11
docs citations

11
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of germanium-on-insulator through epitaxy, bonding, and layer transfer. Journal of Applied Physics, 2014, 116, .	1.1	49
2	Effects of nanowire texturing on the performance of Si/organic hybrid solar cells fabricated with a 2.2µm thin-film Si absorber. Applied Physics Letters, 2012, 100, 103104.	1.5	47
3	Growth and characterization of germanium epitaxial film on silicon (001) with germane precursor in metal organic chemical vapour deposition (MOCVD) chamber. AIP Advances, 2013, 3, .	0.6	47
4	Defects reduction of Ge epitaxial film in a germanium-on-insulator wafer by annealing in oxygen ambient. APL Materials, 2015, 3, .	2.2	43
5	Comparative Studies of the Growth and Characterization of Germanium Epitaxial Film on Silicon (001) with 0° and 6° Offcut. Journal of Electronic Materials, 2013, 42, 1133-1139.	1.0	26
6	Thin Film Silicon Nanowire/PEDOT:PSS Hybrid Solar Cells with Surface Treatment. Nanoscale Research Letters, 2016, 11, 311.	3.1	23
7	Dopant profile control of epitaxial emitter for silicon solar cells by low temperature epitaxy. Applied Physics Letters, 2011, 99, 011102.	1.5	7
8	High-Efficiency Planar Thin-Film Si/PEDOT:PSS Hybrid Solar Cell. IEEE Journal of Photovoltaics, 2016, 6, 217-222.	1.5	3
9	Fabrication of germanium-on-insulator (GOI) with improved threading dislocation density (TDD) via buffer-less epitaxy and bonding. , 2014, , .		2
10	Enhanced optical absorbance of epitaxial emitter silicon solar cells with a back germanium epilayer. , 2011, , .		1