

Seok Yong Byun

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

28
citations

2258059

3
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	An optical simulation algorithm based on ray tracing technique for light absorption in thin film solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 408-411.	6.2	12
2	Analysis of light trapping effects in Si solar cells with a textured surface by ray tracing simulation. <i>Current Applied Physics</i> , 2011, 11, S23-S25.	2.4	9
3	An Efficient Ray Tracing Algorithm for the Simulation of Light Trapping Effects in Si Solar Cells with Textured Surfaces. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 3224-3227.	0.9	3
4	Effect of oxide thin films in back contact on the optical absorption efficiency of thin crystalline Si solar cells. <i>Current Applied Physics</i> , 2013, 13, S140-S143.	2.4	3
5	High-efficiency grid-type Si solar cell structure. <i>Journal of the Korean Physical Society</i> , 2012, 60, 2075-2078.	0.7	1
6	An Efficient Finite-Difference Time-Domain Algorithm to Simulate the Absorbed Energy of Nonflat Layers or Particles of Thin-Film Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2015, 5, 1212-1216.	2.5	0