Sung Ju Tark

List of Publications by Year
in descending order

12	168	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of Al back contacts and BSF formation by in situ TEM for silicon solar cells. Progress in Photovoltaics: Research and Applications, 2014, 22, 863-869.	8.1	9
2	Advanced yield strength of interconnector ribbon for photovoltaic module using crystallographic texture control. Metals and Materials International, 2014, 20, 229-232.	3.4	4
3	Cold Spray Deposition of Copper Electrodes on Silicon and Glass Substrates. Journal of Thermal Spray Technology, 2013, 22, 1092-1102.	3.1	59
4	Improvement of electrical properties in screen-printed crystalline silicon solar cells by contact treatment of the grid edge. Metals and Materials International, 2013, 19, 1333-1338.	3.4	8
5	Effect of High-Temperature Annealing on Ion-Implanted Silicon Solar Cells. International Journal of Photoenergy, 2012, 2012, 1-6.	2.5	15
6	High-efficiency grid-type Si solar cell structure. Journal of the Korean Physical Society, 2012, 60, 2075-2078.	0.7	1
7	Effects of rapid thermal process on the junction properties of aluminum rear emitter solar cells. Metals and Materials International, 2012, 18, 731-734.	3.4	4
8	Effects of controllable process factors on Al rear surface bumps in Si solar cells. Current Applied Physics, 2012, 12, 17-22.	2.4	6
9	Analysis of light trapping effects in Si solar cells with a textured surface by ray tracing simulation. Current Applied Physics, 2011, 11, S23-S25.	2.4	9
10	Characterization of hydrogenated Al-doped ZnO films prepared by multi-step texturing for photovoltaic applications. Current Applied Physics, 2011, 11, 362-367.	2.4	12
11	Development of surface-textured hydrogenated ZnO:Al thin-films for Î¼c-Si solar cells. Current Applied Physics, 2009, 9, 1318-1322.	2.4	41
12	Minority carrier lifetime of silicon wafer passivated by PECVD amorphous silicon layers for silicon heterojunction solar cells. Conference Record of the IEEE Photovoltaic Specialists Conference, 2008, , .	0.0	0