

Mohammad Maksudur Rahman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of ALD-Al ₂ O ₃ Passivated Silicon Quantum Dot Superlattices on p/i/n+ Solar Cells. IEEE Transactions on Electron Devices, 2017, 64, 2886-2892.	3.0	4
2	Impact of silicon quantum dot super lattice and quantum well structure as intermediate layer on p-i-n silicon solar cells. Progress in Photovoltaics: Research and Applications, 2016, 24, 774-780.	8.1	20
3	Effect of passivation layer grown by atomic layer deposition and sputtering processes on Si quantum dot superlattice to generate high photocurrent for high-efficiency solar cells. Japanese Journal of Applied Physics, 2016, 55, 032303.	1.5	9
4	Simulation Study of Multilayer Si/SiC Quantum Dot Superlattice for Solar Cell Applications. IEEE Electron Device Letters, 2016, , 1-1.	3.9	6
5	Germanium nano disk array fabrication by combination of bio template and neutral beam etching for solar cell application. , 2014, , .		3
6	Effect of miniband formation in a quantum dot super lattice fabricated by combination of bio-template and neutral beam etching for high efficiency quantum dot solar cells. , 2014, , .		0
7	Generation of high photocurrent in three-dimensional silicon quantum dot superlattice fabricated by combining bio-template and neutral beam etching for quantum dot solar cells. Nanoscale Research Letters, 2013, 8, 228.	5.7	7
8	Simulation study of type-II Ge/Si quantum dot for solar cell applications. Journal of Applied Physics, 2013, 114, 124509.	2.5	23
9	Formation of Porous Titanium Film and Its Application to Counter Electrode for Dye-Sensitized Solar Cell. Japanese Journal of Applied Physics, 2010, 49, 122302.	1.5	10