

Shrestha Basu Mallick

List of Publications by Year in descending order

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12
papers

379
citations

1307594

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h-index

1474206

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g-index

12
all docs

12
docs citations

12
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal light trapping in ultra-thin photonic crystal crystalline silicon solar cells. Optics Express, 2010, 18, 5691.	3.4	204
2	Coherent light trapping in thin-film photovoltaics. MRS Bulletin, 2011, 36, 453-460.	3.5	84
3	Ultrathin crystalline-silicon solar cells with embedded photonic crystals. Applied Physics Letters, 2012, 100, 053113.	3.3	26
4	A Large-Area High-Reflectivity Broadband Monolithic Single-Crystal-Silicon Photonic Crystal Mirror MEMS Scanner With Low Dependence on Incident Angle and Polarization. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1447-1454.	2.9	18
5	Study of the Morphological and Adhesion Properties of Collagen Fibers in the Bruch's Membrane. Journal of Physical Chemistry B, 2005, 109, 19052-19055.	2.6	12
6	Monolithic Photonic Crystals. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	11
7	Characterization of collagen fibers in Bruch's membrane using chemical force microscopy. Analytical and Bioanalytical Chemistry, 2006, 386, 652-657.	3.7	10
8	Multilayered Monolithic Silicon Photonic Crystals. IEEE Photonics Technology Letters, 2011, 23, 730-732.	2.5	7
9	Optimal light trapping in ultra-thin photonic crystal crystalline silicon solar cells. Proceedings of SPIE, 2010, , .	0.8	4
10	Large-area high-reflectivity broadband monolithic silicon photonic crystal mirror MEMS scanner. , 2008, , .		1
11	Large-area monolithic photonic crystal mirrors with high reflectivity in the 1250-1650nm band patterned by optical lithography. , 2008, , .		1
12	Double-layered monolithic silicon photonic crystals. , 2008, , .		1