

# Mukul Agrawal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10527080/publications.pdf>

Version: 2024-02-01

12  
papers

1,686  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin crystalline-silicon solar cells with embedded photonic crystals. Applied Physics Letters, 2012, 100, 053113.	3.3	26
2	Rigorous optical modeling and optimization of thin-film photovoltaic cells with textured transparent conductive oxides. Progress in Photovoltaics: Research and Applications, 2012, 20, 442-451.	8.1	9
3	Coherent light trapping in thin-film photovoltaics. MRS Bulletin, 2011, 36, 453-460.	3.5	84
4	Organic Light-Emitting Diodes on Solution-Processed Graphene Transparent Electrodes. ACS Nano, 2010, 4, 43-48.	14.6	908
5	High performance solar-selective absorbers using coated sub-wavelength gratings. Optics Express, 2010, 18, 5525.	3.4	110
6	Optimal light trapping in ultra-thin photonic crystal crystalline silicon solar cells. Optics Express, 2010, 18, 5691.	3.4	204
7	Optimal light trapping in ultra-thin photonic crystal crystalline silicon solar cells. Proceedings of SPIE, 2010, , .	0.8	4
8	Comprehensive experimental and numerical optimization of surface morphology of transparent conductive oxide films for tandem thin film photovoltaic cells. , 2010, , .		4
9	Design of wide-angle solar-selective absorbers using aperiodic metal-dielectric stacks. Optics Express, 2009, 17, 22800.	3.4	170
10	Broadband optical absorption enhancement through coherent light trapping in thin-film photovoltaic cells. Optics Express, 2008, 16, 5385.	3.4	120
11	Design of non-periodic dielectric stacks for tailoring the emission of organic lighting-emitting diodes. Optics Express, 2007, 15, 9715.	3.4	5
12	Enhanced outcoupling from organic light-emitting diodes using aperiodic dielectric mirrors. Applied Physics Letters, 2007, 90, 241112.	3.3	42