

# Wenqi Duan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6028566/publications.pdf>

Version: 2024-02-01

11  
papers

183  
citations

1937685

4  
h-index

2053705

5  
g-index

11  
all docs

11  
docs citations

11  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-assisted chemical etching-based nanostructured silicon solar cells. , 2019, , 699-725.		3
2	Efficiency Improvement of Planar Silicon Solar Cells Utilizing Localized Surface Plasmon Resonance of Silver Nanoparticles. , 2019, , .		2
3	Surface Modifying Doped Silicon Nanowire Based Solar Cells for Applications in Biosensing. Advanced Materials Technologies, 2019, 4, 1800349.	5.8	18
4	Light management on silicon utilizing localized surface plasmon resonance of electroless plated silver nanoparticles. Optical Materials Express, 2019, 9, 3753.	3.0	4
5	Performance optimization techniques for the front and back of nanostructured "black silicon" solar cells. , 2018, , .		0
6	Performance enhancement techniques for the front and back of nanostructured "black silicon" solar cells. Journal of Photonics for Energy, 2018, 8, 1.	1.3	2
7	Extremely low reflectivity nanoporous black silicon surface by copper catalyzed etching for efficient solar cells. , 2017, , .		0
8	Nanostructured silicon via metal assisted catalyzed etch (MACE): chemistry fundamentals and pattern engineering. Nanotechnology, 2016, 27, 412003.	2.6	88
9	Thermal characterization of nanoporous 'black silicon' surfaces. Proceedings of SPIE, 2016, , .	0.8	0
10	Metal assisted catalyzed etched (MACE) black Si: optics and device physics. Nanoscale, 2016, 8, 15448-15466.	5.6	66
11	Surface characterization of nanostructured 'black silicon' using impedance spectroscopy. , 2016, , .		0