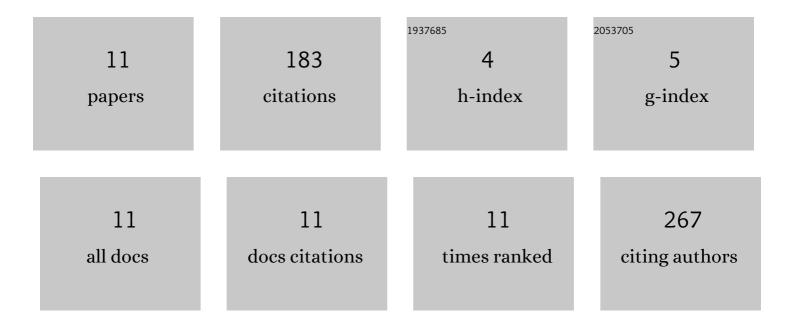
Wenqi Duan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nanostructured silicon via metal assisted catalyzed etch (MACE): chemistry fundamentals and pattern engineering. Nanotechnology, 2016, 27, 412003. | 2.6 | 88 |
| 2 | Metal assisted catalyzed etched (MACE) black Si: optics and device physics. Nanoscale, 2016, 8, 15448-15466. | 5.6 | 66 |
| 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 | Metal-assisted chemical etching–based nanostructured silicon solar cells. , 2019, , 699-725. | | 3 |
| 6 | Efficiency Improvement of Planar Silicon Solar Cells Utilizing Localized Surface Plasmon Resonance of Silver Nanoparticles. , 2019, , . | | 2 |
| 7 | 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 |
| 8 | Thermal characterization of nanoporous 'black silicon' surfaces. Proceedings of SPIE, 2016, , . | 0.8 | 0 |
| 9 | Surface characterization of nanostructured 'black silicon' using impedance spectroscopy. , 2016, , . | | 0 |
| 10 | Extremely low reflectivity nanoporous black silicon surface by copper catalyzed etching for efficient solar cells. , 2017, , . | | 0 |
| 11 | Performance optimization techniques for the front and back of nanostructured †black silicon' solar cells2018 | | О |