

Zisheng Guan

List of Publications by Year in descending order

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Version: 2024-02-01

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1163117

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471
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#	ARTICLE	IF	CITATIONS
1	Large-scale preparation of 22.06% efficiency single-crystalline silicon solar cells with inverted pyramid microstructure through nanostructure rebuilding treatment. <i>Materials Research Express</i> , 2020, 7, 096203.	1.6	8
2	Fabrication of 20.19% Efficient Single-Crystalline Silicon Solar Cell with Inverted Pyramid Microstructure. <i>Nanoscale Research Letters</i> , 2018, 13, 91.	5.7	30
3	Preparation of hydrophobic antireflective SiO ₂ coating with deposition of PDMS from water-based SiO ₂ -PEG sol. <i>Applied Surface Science</i> , 2018, 457, 522-528.	6.1	19
4	Transparent, Superhydrophobic Surface with Varied Surface Tension Responsiveness in Wettability Based on Tunable Porous Silica Structure for Gauging Liquid Surface Tension. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4142-4150.	8.0	30
5	A self-modification approach toward transparent superhydrophobic glass for rainproofing and superhydrophobic fiberglass mesh for oil/water separation. <i>Applied Surface Science</i> , 2016, 360, 789-797.	6.1	51
6	Transparent, durable and thermally stable PDMS-derived superhydrophobic surfaces. <i>Applied Surface Science</i> , 2015, 339, 94-101.	6.1	100
7	Highly transparent, stable, and superhydrophobic coatings based on gradient structure design and fast regeneration from physical damage. <i>Applied Surface Science</i> , 2015, 359, 826-833.	6.1	21
8	Robust and antireflective superhydrophobic surfaces prepared by CVD of cured polydimethylsiloxane with candle soot as a template. <i>RSC Advances</i> , 2015, 5, 1315-1318.	3.6	60
9	Micro/nanostructured silicone-carbon composite coatings with superhydrophobicity and photoluminescence prepared by oxidative chemical vapor deposition. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9