Zisheng Guan

List of Publications by Year
in descending order

9	328	1163117 8	1474206 9
papers	citations	h-index	g-index

9	9	9	471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transparent, durable and thermally stable PDMS-derived superhydrophobic surfaces. Applied Surface Science, 2015, 339, 94-101.	6.1	100
2	Robust and antireflective superhydrophobic surfaces prepared by CVD of cured polydimethylsiloxane with candle soot as a template. RSC Advances, 2015, 5, 1315-1318.	3.6	60
3	A self-modification approach toward transparent superhydrophobic glass for rainproofing and superhydrophobic fiberglass mesh for oilâ¿¿water separation. Applied Surface Science, 2016, 360, 789-797.	6.1	51
4	Transparent, Superhydrophobic Surface with Varied Surface Tension Responsiveness in Wettability Based on Tunable Porous Silica Structure for Gauging Liquid Surface Tension. ACS Applied Materials & Interfaces, 2017, 9, 4142-4150.	8.0	30
5	Fabrication of 20.19% Efficient Single-Crystalline Silicon Solar Cell with Inverted Pyramid Microstructure. Nanoscale Research Letters, 2018, 13, 91.	5.7	30
6	Highly transparent, stable, and superhydrophobic coatings based on gradient structure design and fast regeneration from physical damage. Applied Surface Science, 2015, 359, 826-833.	6.1	21
7	Preparation of hydrophobic antireflective SiO2 coating with deposition of PDMS from water-based SiO2-PEG sol. Applied Surface Science, 2018, 457, 522-528.	6.1	19
8	Microâ€nanostructured siliconeâ€carbon composite coatings with superhydrophobicity and photoluminescence prepared by oxidative chemical vapor deposition. Journal of Applied Polymer Science, 2014, 131, .	2.6	9
9	Large-scale preparation of 22.06% efficiency single-crystalline silicon solar cells with inverted pyramid microstructure through nanostructure rebuilding treatment. Materials Research Express, 2020, 7, 096203.	1.6	8