Zhiping Zuo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8037844/publications.pdf

Version: 2024-02-01

12	565	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of superhydrophobic surface on aluminum by continuous chemical etching and its anti-icing property. Applied Surface Science, 2014, 317, 701-709.	6.1	201
2	Fabrication and anti-icing property of coral-like superhydrophobic aluminum surface. Applied Surface Science, 2015, 331, 132-139.	6.1	92
3	Simultaneous Wireless Power Transfer and Full-Duplex Communication With a Single Coupling Interface. IEEE Transactions on Power Electronics, 2021, 36, 6313-6322.	7.9	56
4	Ice accretion on superhydrophobic insulators under freezing condition. Cold Regions Science and Technology, 2015, 112, 87-94.	3.5	38
5	A novel and facile way to fabricate transparent superhydrophobic film on glass with self-cleaning and stability. Materials Letters, 2019, 239, 48-51.	2.6	32
6	Anti-icing performance in glaze ice of nanostructured film prepared by RF magnetron sputtering. Applied Surface Science, 2015, 356, 539-545.	6.1	31
7	Understanding the anti-icing property of nanostructured superhydrophobic aluminum surface during glaze ice accretion. International Journal of Heat and Mass Transfer, 2019, 133, 119-128.	4.8	29
8	A Reticulated Planar Transmitter Using a Three-Dimensional Rotating Magnetic Field for Free-Positioning Omnidirectional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2022, 37, 9999-10015.	7.9	26
9	Improving the anti-icing/frosting property of a nanostructured superhydrophobic surface by the optimum selection of a surface modifier. RSC Advances, 2018, 8, 19906-19916.	3.6	21
10	A Novel Analysis Method Based on Quadratic Eigenvalue Problem for Multirelay Magnetic Coupling Wireless Power Transfer. IEEE Transactions on Power Electronics, 2021, 36, 9907-9917.	7.9	17
11	Magnetic Field Analysis and Excitation Currents Optimization for an Omnidirectional WPT System Based on Three-Phase Tubular Coils. IEEE Transactions on Industry Applications, 2022, 58, 1268-1278.	4.9	13
12	Fabrication of Self-Cleaning and Anti-Icing Durable Surface on Glass. Journal of Nanoscience and Nanotechnology, 2017, 17, 420-426.	0.9	9