

Zhiping Zuo

List of Publications by Year in descending order

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

Version: 2024-02-01

12
papers

565
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	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
5	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
6	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
7	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
8	Fabrication of Self-Cleaning and Anti-Icing Durable Surface on Glass. Journal of Nanoscience and Nanotechnology, 2017, 17, 420-426.	0.9	9
9	Ice accretion on superhydrophobic insulators under freezing condition. Cold Regions Science and Technology, 2015, 112, 87-94.	3.5	38
10	Fabrication and anti-icing property of coral-like superhydrophobic aluminum surface. Applied Surface Science, 2015, 331, 132-139.	6.1	92
11	Anti-icing performance in glaze ice of nanostructured film prepared by RF magnetron sputtering. Applied Surface Science, 2015, 356, 539-545.	6.1	31
12	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