

Hwon Im

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

527
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

988
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Chip Curing by Microwave for Long Term Usage of Electronic Devices in Harsh Environments. Scientific Reports, 2018, 8, 14953.	3.3	4
2	Sanitization of Data in Nanoscale Flash Memory by Thermal Erasing and Reuse of Storage. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800194.	1.8	2
3	Nano-electromechanical Switch Based on a Physical Unclonable Function for Highly Robust and Stable Performance in Harsh Environments. ACS Nano, 2017, 11, 12547-12552.	14.6	34
4	Enhanced water droplet mobility on superhydrophobic rippled nanoshell array. Applied Physics Letters, 2016, 109, 151601.	3.3	1
5	Controlled anisotropic wetting of scalloped silicon nanogroove. RSC Advances, 2016, 6, 41914-41918.	3.6	16
6	A Superamphiphobic Sponge with Mechanical Durability and a Self-Cleaning Effect. Scientific Reports, 2016, 6, 29993.	3.3	28
7	Nature-Replicated Nano-Micro Structures for Triboelectric Energy Harvesting. Small, 2014, 10, 3887-3894.	10.0	163
8	Design Strategy for a Piezoelectric Nanogenerator with a Well-Ordered Nanoshell Array. ACS Nano, 2013, 7, 10773-10779.	14.6	60
9	Self-cleaning effect of highly water-repellent microshell structures for solar cell applications. Journal of Materials Chemistry, 2011, 21, 633-636.	6.7	189
10	Superhydrophobic Cylindrical Nanoshell Array. Langmuir, 2010, 26, 7661-7664.	3.5	30