Kangmin Lee

List of Publications by Year
in descending order

12	506	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cold Isostaticâ€Pressured Silver Nanowire Electrodes for Flexible Organic Solar Cells via Roomâ€Temperature Processes. Advanced Materials, 2017, 29, 1701479.	21.0	111
2	Dopant-Free All-Back-Contact Si Nanohole Solar Cells Using MoO_x and LiF Films. Nano Letters, 2016, 16, 981-987.	9.1	94
3	Versatile control of metal-assisted chemical etching for vertical silicon microwire arrays and their photovoltaic applications. Scientific Reports, 2015, 5, 11277.	3.3	76
4	The Development of Transparent Photovoltaics. Cell Reports Physical Science, 2020, 1, 100143.	5.6	67
5	Neutral-Colored Transparent Crystalline Silicon Photovoltaics. Joule, 2020, 4, 235-246.	24.0	55
6	17.6%-Efficient radial junction solar cells using silicon nano/micro hybrid structures. Nanoscale, 2016, 8, 14473-14479.	5.6	37
7	Progress in silicon microwire solar cells. Journal of Materials Chemistry A, 2020, 8, 5395-5420.	10.3	18
8	High-performance electrothermal and anticorrosive transparent heating stickers. Journal of Materials Chemistry A, 2018, 6, 11790-11796.	10.3	13
9	Phosphorescent Energy Downshifting for Diminishing Surface Recombination in Silicon Nanowire Solar Cells. Scientific Reports, 2018, 8, 16974.	3.3	12
10	Sunlight-Activatable ROS Generator for Cell Death Using TiO₂/c-Si Microwires. Nano Letters, 2021, 21, 6998-7004.	9.1	12
11	Direct Fabrication of Flexible Ni Microgrid Transparent Conducting Electrodes via Electroplated Metal Transfer. Advanced Materials Technologies, 2018, 3, 1700213.	5.8	6
12	25-cm2 glass-like transparent crystalline silicon solar cells with an efficiency of 14.5%. Cell Reports Physical Science, 2022, 3, 100715.	5.6	5