

# Daeil Kim

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/11015778/daeil-kim-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

1,342  
citations

15  
h-index

21  
g-index

21  
ext. papers

1,504  
ext. citations

11  
avg. IF

4.34  
L-index

#	Paper	IF	Citations
19	Flexible, water-proof, wire-type supercapacitors integrated with wire-type UV/NO <sub>2</sub> sensors on textiles. <i>Nano Energy</i> , <b>2017</b> , 35, 199-206	17.1	41
18	A 7.5-GHz uniplanar 180° hybrid coupler on flexible polyimide substrate. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2017</b> , 31, 38-46	1.3	1
17	Encapsulated, High-Performance, Stretchable Array of Stacked Planar Micro-Supercapacitors as Waterproof Wearable Energy Storage Devices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 16016-25	9.5	87
16	Body-Attachable and Stretchable Multisensors Integrated with Wirelessly Rechargeable Energy Storage Devices. <i>Advanced Materials</i> , <b>2016</b> , 28, 748-56	24	102
15	Stretchable patterned graphene gas sensor driven by integrated micro-supercapacitor array. <i>Nano Energy</i> , <b>2016</b> , 19, 401-414	17.1	137
14	High performance flexible double-sided micro-supercapacitors with an organic gel electrolyte containing a redox-active additive. <i>Nanoscale</i> , <b>2016</b> , 8, 15611-20	7.7	34
13	Fabrication of a stretchable and patchable array of high performance micro-supercapacitors using a non-aqueous solvent based gel electrolyte. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 1764-1774	35.4	115
12	Fabrication of flexible micro-supercapacitor array with patterned graphene foam/MWNT-COOH/MnO electrodes and its application. <i>Carbon</i> , <b>2015</b> , 81, 29-37	10.4	63
11	Air-stable, high-performance, flexible microsupercapacitor with patterned ionogel electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 4608-15	9.5	69
10	Biaxially stretchable, integrated array of high performance microsupercapacitors. <i>ACS Nano</i> , <b>2014</b> , 8, 11639-50	16.7	114
9	Fabrication of high performance flexible micro-supercapacitor arrays with hybrid electrodes of MWNT/V <sub>2</sub> O <sub>5</sub> nanowires integrated with a SnO <sub>2</sub> nanowire UV sensor. <i>Nanoscale</i> , <b>2014</b> , 6, 12034-41	7.7	72
8	All-solid-state flexible micro-supercapacitor arrays with patterned graphene/MWNT electrodes. <i>Carbon</i> , <b>2014</b> , 79, 156-164	10.4	117
7	High-performance all-solid-state flexible micro-supercapacitor arrays with layer-by-layer assembled MWNT/MnO(x) nanocomposite electrodes. <i>Nanoscale</i> , <b>2014</b> , 6, 9655-64	7.7	70
6	Fabrication of a stretchable solid-state micro-supercapacitor array. <i>ACS Nano</i> , <b>2013</b> , 7, 7975-82	16.7	220
5	Current generation of vertically aligned ZnO nanowires by photo-induced deformation of a matrix polymer. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 7191	7.1	4
4	High performance stretchable UV sensor arrays of SnO <sub>2</sub> nanowires. <i>Nanotechnology</i> , <b>2013</b> , 24, 315502	3.4	33
3	Effect of humidity and thermal curing of polymer gate dielectrics on the electrical hysteresis of SnO <sub>2</sub> nanowire field effect transistors. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 102906	3.4	11

- 2 Degradation pattern of SnO(2) nanowire field effect transistors. *Nanotechnology*, **2010**, 21, 485201 3-4 7
- 1 Photoconductance of aligned SnO<sub>2</sub> nanowire field effect transistors. *Applied Physics Letters*, **2009**, 95, 043107 3-4 40