

# Daeil Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11015778/publications.pdf>

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19  
papers

1,627  
citations

566801

15  
h-index

713013

21  
g-index

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all docs

21  
docs citations

21  
times ranked

2550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a Stretchable Solid-State Micro-Supercapacitor Array. ACS Nano, 2013, 7, 7975-7982.	7.3	244
2	Stretchable patterned graphene gas sensor driven by integrated micro-supercapacitor array. Nano Energy, 2016, 19, 401-414.	8.2	179
3	All-solid-state flexible micro-supercapacitor arrays with patterned graphene/MWNT electrodes. Carbon, 2014, 79, 156-164.	5.4	151
4	Biaxially Stretchable, Integrated Array of High Performance Microsupercapacitors. ACS Nano, 2014, 8, 11639-11650.	7.3	143
5	Fabrication of a stretchable and patchable array of high performance micro-supercapacitors using a non-aqueous solvent based gel electrolyte. Energy and Environmental Science, 2015, 8, 1764-1774.	15.6	138
6	Body-Attachable and Stretchable Multisensors Integrated with Wirelessly Rechargeable Energy Storage Devices. Advanced Materials, 2016, 28, 748-756.	11.1	129
7	Encapsulated, High-Performance, Stretchable Array of Stacked Planar Micro-Supercapacitors as Waterproof Wearable Energy Storage Devices. ACS Applied Materials & Interfaces, 2016, 8, 16016-16025.	4.0	112
8	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. Nanoscale, 2014, 6, 12034-12041.	2.8	89
9	Air-Stable, High-Performance, Flexible Microsupercapacitor with Patterned Ionogel Electrolyte. ACS Applied Materials & Interfaces, 2015, 7, 4608-4615.	4.0	83
10	Fabrication of flexible micro-supercapacitor array with patterned graphene foam/MWNT-COOH/MnO electrodes and its application. Carbon, 2015, 81, 29-37.	5.4	79
11	High-performance all-solid-state flexible micro-supercapacitor arrays with layer-by-layer assembled MWNT/MnO <sub>x</sub> nanocomposite electrodes. Nanoscale, 2014, 6, 9655-9664.	2.8	71
12	Flexible, water-proof, wire-type supercapacitors integrated with wire-type UV/NO <sub>2</sub> sensors on textiles. Nano Energy, 2017, 35, 199-206.	8.2	52
13	High performance flexible double-sided micro-supercapacitors with an organic gel electrolyte containing a redox-active additive. Nanoscale, 2016, 8, 15611-15620.	2.8	44
14	Photoconductance of aligned SnO <sub>2</sub> nanowire field effect transistors. Applied Physics Letters, 2009, 95, .	1.5	43
15	High performance stretchable UV sensor arrays of SnO <sub>2</sub> nanowires. Nanotechnology, 2013, 24, 315502.	1.3	39
16	Effect of humidity and thermal curing of polymer gate dielectrics on the electrical hysteresis of SnO <sub>2</sub> nanowire field effect transistors. Applied Physics Letters, 2011, 98, 102906.	1.5	11
17	Degradation pattern of SnO <sub>2</sub> nanowire field effect transistors. Nanotechnology, 2010, 21, 485201.	1.3	8
18	Current generation of vertically aligned ZnO nanowires by photo-induced deformation of a matrix polymer. Journal of Materials Chemistry C, 2013, 1, 7191.	2.7	5

#	ARTICLE	IF	CITATIONS
19	A 7.5-GHz uniplanar 180° hybrid coupler on flexible polyimide substrate. Journal of Electromagnetic Waves and Applications, 2017, 31, 38-46.	1.0	2