

Daeil Kim

List of Publications by Citations

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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	Fabrication of a stretchable solid-state micro-supercapacitor array. <i>ACS Nano</i> , 2013 , 7, 7975-82	16.7	220
18	Stretchable patterned graphene gas sensor driven by integrated micro-supercapacitor array. <i>Nano Energy</i> , 2016 , 19, 401-414	17.1	137
17	All-solid-state flexible micro-supercapacitor arrays with patterned graphene/MWNT electrodes. <i>Carbon</i> , 2014 , 79, 156-164	10.4	117
16	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> , 2015 , 8, 1764-1774	35.4	115
15	Biaxially stretchable, integrated array of high performance microsupercapacitors. <i>ACS Nano</i> , 2014 , 8, 11639-50	16.7	114
14	Body-Attachable and Stretchable Multisensors Integrated with Wirelessly Rechargeable Energy Storage Devices. <i>Advanced Materials</i> , 2016 , 28, 748-56	24	102
13	Encapsulated, High-Performance, Stretchable Array of Stacked Planar Micro-Supercapacitors as Waterproof Wearable Energy Storage Devices. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16016-25	9.5	87
12	Fabrication of high performance flexible micro-supercapacitor arrays with hybrid electrodes of MWNT/V2O5 nanowires integrated with a SnO2 nanowire UV sensor. <i>Nanoscale</i> , 2014 , 6, 12034-41	7.7	72
11	High-performance all-solid-state flexible micro-supercapacitor arrays with layer-by-layer assembled MWNT/MnO(x) nanocomposite electrodes. <i>Nanoscale</i> , 2014 , 6, 9655-64	7.7	70
10	Air-stable, high-performance, flexible microsupercapacitor with patterned ionogel electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4608-15	9.5	69
9	Fabrication of flexible micro-supercapacitor array with patterned graphene foam/MWNT-COOH/MnO electrodes and its application. <i>Carbon</i> , 2015 , 81, 29-37	10.4	63
8	Flexible, water-proof, wire-type supercapacitors integrated with wire-type UV/NO2 sensors on textiles. <i>Nano Energy</i> , 2017 , 35, 199-206	17.1	41
7	Photoconductance of aligned SnO2 nanowire field effect transistors. <i>Applied Physics Letters</i> , 2009 , 95, 043107	3.4	40
6	High performance flexible double-sided micro-supercapacitors with an organic gel electrolyte containing a redox-active additive. <i>Nanoscale</i> , 2016 , 8, 15611-20	7.7	34
5	High performance stretchable UV sensor arrays of SnO2 nanowires. <i>Nanotechnology</i> , 2013 , 24, 315502	3.4	33
4	Effect of humidity and thermal curing of polymer gate dielectrics on the electrical hysteresis of SnO2 nanowire field effect transistors. <i>Applied Physics Letters</i> , 2011 , 98, 102906	3.4	11
3	Degradation pattern of SnO(2) nanowire field effect transistors. <i>Nanotechnology</i> , 2010 , 21, 485201	3.4	7

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| 2 | Current generation of vertically aligned ZnO nanowires by photo-induced deformation of a matrix polymer. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 7191 | 7.1 | 4 |
| 1 | A 7.5-GHz uniplanar 180° hybrid coupler on flexible polyimide substrate. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 38-46 | 1.3 | 1 |