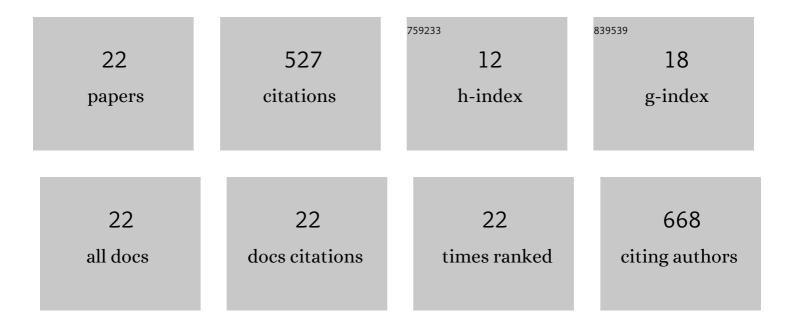
Min-Ook Kim

List of Publications by Year in descending order

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MIN-OOK KIM

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Molecularly Engineered Surface Triboelectric Nanogenerator by Self-Assembled Monolayers (METS). Chemistry of Materials, 2015, 27, 4749-4755. | 6.7 | 111 |
| 2 | Aligned Carbon Nanotube Arrays for Degradationâ€Resistant, Intimate Contact in Micromechanical Devices. Advanced Materials, 2011, 23, 2231-2236. | 21.0 | 59 |
| 3 | Flexible and multi-directional piezoelectric energy harvester for self-powered human motion sensor. Smart Materials and Structures, 2018, 27, 035001. | 3.5 | 55 |
| 4 | A flexible hybrid strain energy harvester using piezoelectric and electrostatic conversion. Smart Materials and Structures, 2014, 23, 045040. | 3.5 | 51 |
| 5 | Flexible Energy Harvester with Piezoelectric and Thermoelectric Hybrid Mechanisms for Sustainable Harvesting. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 691-698. | 4.9 | 45 |
| 6 | Piezoelectric energy harvester converting strain energy into kinetic energy for extremely low frequency operation. Applied Physics Letters, 2014, 104, . | 3.3 | 33 |
| 7 | All-textile wearable triboelectric nanogenerator using pile-embroidered fibers for enhancing output power. Smart Materials and Structures, 2020, 29, 055026. | 3.5 | 30 |
| 8 | Humidityâ€Resistant, Fabricâ€Based, Wearable Triboelectric Energy Harvester by Treatment of Hydrophobic Selfâ€Assembled Monolayers. Advanced Materials Technologies, 2018, 3, 1800048. | 5.8 | 26 |
| 9 | Polymer-based flexible and multi-directional tactile sensor with multiple NiCr piezoresistors. Micro and Nano Systems Letters, 2019, 7, . | 3.7 | 26 |
| 10 | Humidity-resistant triboelectric energy harvester using electrospun PVDF/PU nanofibers for flexibility and air permeability. Nanotechnology, 2019, 30, 275401. | 2.6 | 21 |
| 11 | Development of MEMS Multi-Mode Electrostatic Energy Harvester Based on the SOI Process. Micromachines, 2017, 8, 51. | 2.9 | 18 |
| 12 | Multidirectional flexible force sensors based on confined, self-adjusting carbon nanotube arrays. Nanotechnology, 2018, 29, 055501. | 2.6 | 17 |
| 13 | Low-Temperature Selective Growth of Tungsten Oxide Nanowires by Controlled Nanoscale Stress Induction. Scientific Reports, 2015, 5, 18265. | 3.3 | 8 |
| 14 | Development and performance test of a ZnO nanowire charger for measurements of nano-aerosol particles. Sensors and Actuators A: Physical, 2015, 222, 1-7. | 4.1 | 6 |
| 15 | Highly sensitive cantilever type chemo-mechanical hydrogen sensor based on contact resistance of self-adjusted carbon nanotube arrays. Sensors and Actuators B: Chemical, 2014, 197, 414-421. | 7.8 | 5 |
| 16 | Flexible piezoelectric strain energy harvester responsive to multi-directional input forces and its application to self-powered motion sensor. , 2017, , . | | 5 |
| 17 | Microswitch with self-assembled carbon nanotube arrays for high current density and reliable contact. , 2011, , . | | 4 |
| 18 | Reversible and Continuous Latching Using a Carbon Internanotube Interface. ACS Applied Materials & Interfaces, 2013, 5, 7465-7469. | 8.0 | 3 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Lithography-free fabrication of single crystalline silicon tubular nanostructures on large area. Microelectronic Engineering, 2012, 98, 325-328. | 2.4 | 2 |
| 20 | Facile fabrication of sub-20-nm nanochannels based on crystallinity-dependent anisotropic etching of silicon. Microelectronic Engineering, 2012, 98, 309-312. | 2.4 | 2 |
| 21 | Continuously latchable shuttle using carbon nanotubes on sidewall surfaces. , 2012, , . | | Ο |
| 22 | Variable capacitor with switching mechanism for wide tuning range. , 2014, , . | | 0 |