Jangyeol Yoon

List of Publications by Year
in descending order

18	2,011	840776 11	888059 17
papers	citations	h-index	g-index

19	19	19	3328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A wireless closed-loop system for optogenetic peripheral neuromodulation. Nature, 2019, 565, 361-365.	27.8	358
2	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. Neuron, 2017, 93, 509-521.e3.	8.1	323
3	Optogenetic silencing of nociceptive primary afferents reduces evoked and ongoing bladder pain. Scientific Reports, 2017, 7, 15865.	3.3	49
4	Fully implantable, battery-free wireless optoelectronic devices for spinal optogenetics. Pain, 2017, 158, 2108-2116.	4.2	93
5	Encapsulated, High-Performance, Stretchable Array of Stacked Planar Micro-Supercapacitors as Waterproof Wearable Energy Storage Devices. ACS Applied Materials & Interfaces, 2016, 8, 16016-16025.	8.0	112
6	Soft, stretchable, fully implantable miniaturized optoelectronic systems for wireless optogenetics. Nature Biotechnology, 2015, 33, 1280-1286.	17.5	658
7	Fabrication of Stretchable Singleâ€Walled Carbon Nanotube Logic Devices. Small, 2014, 10, 2910-2917.	10.0	9
8	Design and Fabrication of Novel Stretchable Device Arrays on a Deformable Polymer Substrate with Embedded Liquidâ€Metal Interconnections. Advanced Materials, 2014, 26, 6580-6586.	21.0	88
9	Biaxially Stretchable, Integrated Array of High Performance Microsupercapacitors. ACS Nano, 2014, 8, 11639-11650.	14.6	143
10	High-Density, Stretchable, All-Solid-State Microsupercapacitor Arrays. ACS Nano, 2014, 8, 8844-8855.	14.6	96
11	Controlling the electronic properties of SWCNT FETs via modification of the substrate surface prior to atomic layer deposition of 10 nm thick Al₂O₃film. Nanotechnology, 2013, 24, 455701.	2.6	0
12	Current generation of vertically aligned ZnO nanowires by photo-induced deformation of a matrix polymer. Journal of Materials Chemistry C, 2013, 1, 7191.	5.5	5
13	High performance stretchable UV sensor arrays of SnO2 nanowires. Nanotechnology, 2013, 24, 315502.	2.6	39
14	Electronic properties of light-emitting p-n hetero-junction array consisting of p+-Si and aligned n-ZnO nanowires. Journal of Applied Physics, 2013, 113, .	2.5	6
15	pâ€“n hetero-junction diode arrays of p-type single walled carbon nanotubes and aligned n-type SnO2nanowires. Nanotechnology, 2012, 23, 265301.	2.6	9
16	Array of Singleâ€Walled Carbon Nanotube Intrajunction Devices Fabricated via Type Conversion by Partial Coating with Î²â€Nicotinamide Adenine Dinucleotide. Advanced Functional Materials, 2011, 21, 2515-2521.	14.9	8
17	High yield production of semiconducting p-type single-walled carbon nanotube thin-film transistors on a flexible polyimide substrate by tuning the density of ferritin catalysts. Carbon, 2011, 49, 2492-2498.	10.3	12
18	pâ€“n homo-junction arrays of aligned single walled carbon nanotubes fabricated by selective patterning of polyethyleneimine film. Nanotechnology, 2011, 22, 385302.	2.6	3