

# Jangyeol Yoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11314329/publications.pdf>

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18  
papers

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840776

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888059

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19  
docs citations

19  
times ranked

3328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft, stretchable, fully implantable miniaturized optoelectronic systems for wireless optogenetics. Nature Biotechnology, 2015, 33, 1280-1286.	17.5	658
2	A wireless closed-loop system for optogenetic peripheral neuromodulation. Nature, 2019, 565, 361-365.	27.8	358
3	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. Neuron, 2017, 93, 509-521.e3.	8.1	323
4	Biaxially Stretchable, Integrated Array of High Performance Microsupercapacitors. ACS Nano, 2014, 8, 11639-11650.	14.6	143
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	High-Density, Stretchable, All-Solid-State Microsupercapacitor Arrays. ACS Nano, 2014, 8, 8844-8855.	14.6	96
7	Fully implantable, battery-free wireless optoelectronic devices for spinal optogenetics. Pain, 2017, 158, 2108-2116.	4.2	93
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	Optogenetic silencing of nociceptive primary afferents reduces evoked and ongoing bladder pain. Scientific Reports, 2017, 7, 15865.	3.3	49
10	High performance stretchable UV sensor arrays of SnO <sub>2</sub> nanowires. Nanotechnology, 2013, 24, 315502.	2.6	39
11	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
12	pâ€n hetero-junction diode arrays of p-type single walled carbon nanotubes and aligned n-type SnO <sub>2</sub> nanowires. Nanotechnology, 2012, 23, 265301.	2.6	9
13	Fabrication of Stretchable Singleâ€Walled Carbon Nanotube Logic Devices. Small, 2014, 10, 2910-2917.	10.0	9
14	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
15	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
16	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
17	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
18	Controlling the electronic properties of SWCNT FETs via modification of the substrate surface prior to atomic layer deposition of 10 nm thick Al<sub>2</sub>O<sub>3</sub> film. Nanotechnology, 2013, 24, 455701.	2.6	0