

Young Lae Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12056122/publications.pdf>

Version: 2024-02-01

10
papers

370
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Nb Doping on Chemical Sensing Performance of Two-Dimensional Layered MoSe ₂ . ACS Applied Materials & Interfaces, 2017, 9, 3817-3823.	8.0	143
2	Voltage-switchable photocurrents in single-walled carbon nanotube-silicon junctions for analog and digital optoelectronics. Nature Photonics, 2014, 8, 239-243.	31.4	61
3	Highly Aligned Scalable Platinum-Decorated Single-Wall Carbon Nanotube Arrays for Nanoscale Electrical Interconnects. ACS Nano, 2009, 3, 2818-2826.	14.6	57
4	Ultrathin SWNT Films with Tunable, Anisotropic Transport Properties. Advanced Functional Materials, 2011, 21, 1810-1815.	14.9	34
5	Ultrafast Excitonic Behavior in Two-Dimensional Metal-Semiconductor Heterostructure. ACS Photonics, 2019, 6, 1379-1386.	6.6	23
6	Cleaning organized single-walled carbon nanotube interconnect structures for reduced interfacial contact resistance. Carbon, 2011, 49, 2450-2458.	10.3	15
7	Printing Highly Controlled Suspended Carbon Nanotube Network on Micro-patterned Superhydrophobic Flexible Surface. Scientific Reports, 2015, 5, 15908.	3.3	15
8	Accelerated reliability testing of highly aligned single-walled carbon nanotube networks subjected to DC electrical stressing. Nanotechnology, 2011, 22, 265713.	2.6	11
9	Sculpting carbon bonds for allotropic transformation through solid-state re-engineering of sp ² carbon. Nature Communications, 2014, 5, 4941.	12.8	7
10	Gate-controlled gas sensor utilizing 1D-2D hybrid nanowires network. IScience, 2022, 25, 103660.	4.1	4