

# Yong Seung Kim

## List of Publications by Year in descending order

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19  
papers

1,688  
citations

567281

15  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thickness-Independent Transport Channels in Topological Insulator $\text{Bi}_2\text{Se}_3$ Thin Films. Physical Review Letters, 2012, 109, 116804.	7.8	306
2	Bright visible light emission from graphene. Nature Nanotechnology, 2015, 10, 676-681. Thickness-dependent bulk properties and weak antilocalization effect in topological insulator	31.5	284
3	$\text{Bi}_2\text{Se}_3$ thin films on dielectric amorphous $\text{SiO}_2$ by MBE. Physical Review B, 2011, 84, .	3.2	270
4	Epitaxial growth of topological insulator $\text{Bi}_2\text{Se}_3$ film on Si(111) with atomically sharp interface. Thin Solid Films, 2011, 520, 224-229.	1.8	180
5	Methane as an effective hydrogen source for single-layer graphene synthesis on Cu foil by plasma enhanced chemical vapor deposition. Nanoscale, 2013, 5, 1221.	5.6	104
6	Spin valve effect of NiFe/graphene/NiFe junctions. Nano Research, 2013, 6, 373-380.	10.4	79
7	Focused-Laser-Enabled p-n Junctions in Graphene Field-Effect Transistors. ACS Nano, 2013, 7, 5850-5857.	14.6	76
8	Surface versus bulk state in topological insulator $\text{Bi}_2\text{Se}_3$ under environmental disorder. Applied Physics Letters, 2011, 99, .	3.3	73
9	Direct growth of patterned graphene on $\text{SiO}_2$ substrates without the use of catalysts or lithography. Nanoscale, 2014, 6, 10100-10105.	5.6	66
10	Ordered growth of topological insulator $\text{Bi}_2\text{Se}_3$ thin films on dielectric amorphous $\text{SiO}_2$ by MBE. Nanoscale, 2013, 5, 10618.	5.6	64
11	Electromagnetic Saturation of Angstrom-Sized Quantum Barriers at Terahertz Frequencies. Physical Review Letters, 2015, 115, 125501.	7.8	60
12	Direct Integration of Polycrystalline Graphene into Light Emitting Diodes by Plasma-Assisted Metal-Catalyst-Free Synthesis. ACS Nano, 2014, 8, 2230-2236.	14.6	55
13	Polarized Raman spectroscopy with differing angles of laser incidence on single-layer graphene. Nanoscale Research Letters, 2015, 10, 45.	5.7	20
14	Tunnelling current-voltage characteristics of Angstrom gaps measured with terahertz time-domain spectroscopy. Scientific Reports, 2016, 6, 29103.	3.3	18
15	Colossal Terahertz Nonlinearity in Angstrom- and Nanometer-Sized Gaps. ACS Photonics, 2016, 3, 1440-1445.	6.6	18
16	Universality of periodicity as revealed from interlayer-mediated cracks. Scientific Reports, 2017, 7, 43400.	3.3	8
17	Graphene film growth on sputtered thin Cu-Ni alloy film by inductively coupled plasma chemical vapor deposition. RSC Advances, 2014, 4, 63349-63353.	3.6	6
18	Terahertz funneling-induced quantum tunneling at angstrom scale. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Terahertz Quantum Plasmonics at Angstrom Scale. , 2016, , .		0