

# Jeong Seuk Kang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

4,598  
citations

14  
h-index

16  
g-index

16  
ext. papers

5,162  
ext. citations

12.8  
avg, IF

5  
L-index

#	Paper	IF	Citations
16	Expansion Microscopy for Beginners: Visualizing Microtubules in Expanded Cultured HeLa Cells. <i>Current Protocols in Neuroscience</i> , <b>2020</b> , 92, e96	2.7	5
15	Iterative expansion microscopy. <i>Nature Methods</i> , <b>2017</b> , 14, 593-599	21.6	195
14	Monolithic 3D CMOS Using Layered Semiconductors. <i>Advanced Materials</i> , <b>2016</b> , 28, 2547-54	24	72
13	Direct growth of single-crystalline III-V semiconductors on amorphous substrates. <i>Nature Communications</i> , <b>2016</b> , 7, 10502	17.4	37
12	Engineering light outcoupling in 2D materials. <i>Nano Letters</i> , <b>2015</b> , 15, 1356-61	11.5	105
11	MoS <sub>2</sub> Heterojunctions by Thickness Modulation. <i>Scientific Reports</i> , <b>2015</b> , 5, 10990	4.9	71
10	Strong interlayer coupling in van der Waals heterostructures built from single-layer chalcogenides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 6198-202	11.5	803
9	Field-effect transistors built from all two-dimensional material components. <i>ACS Nano</i> , <b>2014</b> , 8, 6259-64	16.7	496
8	Air-stable surface charge transfer doping of MoS <sub>2</sub> by benzyl viologen. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 7853-6	16.4	485
7	Air stable p-doping of WSe <sub>2</sub> by covalent functionalization. <i>ACS Nano</i> , <b>2014</b> , 8, 10808-14	16.7	180
6	MoSIP-type transistors and diodes enabled by high work function MoO <sub>x</sub> contacts. <i>Nano Letters</i> , <b>2014</b> , 14, 1337-42	11.5	419
5	Strain-induced indirect to direct bandgap transition in multilayer WSe <sub>2</sub> . <i>Nano Letters</i> , <b>2014</b> , 14, 4592-7	11.5	415
4	Defects activated photoluminescence in two-dimensional semiconductors: interplay between bound, charged, and free excitons. <i>Scientific Reports</i> , <b>2013</b> , 3, 2657	4.9	726
3	Broad-range modulation of light emission in two-dimensional semiconductors by molecular physisorption gating. <i>Nano Letters</i> , <b>2013</b> , 13, 2831-6	11.5	566
2	Expansion Microscopy of Lipid Membranes		20
1	Whole-ExM: Expansion microscopy imaging of all anatomical structures of whole larval zebrafish		3