

Jeong Seuk Kang

List of Publications by Citations

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