

# Jeong Seuk Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10858375/publications.pdf>

Version: 2024-02-01

14  
papers

5,704  
citations

686830

13  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

9513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong interlayer coupling in van der Waals heterostructures built from single-layer chalcogenides. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6198-6202.	3.3	970
2	Defects activated photoluminescence in two-dimensional semiconductors: interplay between bound, charged and free excitons. Scientific Reports, 2013, 3, 2657.	1.6	876
3	Broad-Range Modulation of Light Emission in Two-Dimensional Semiconductors by Molecular Physisorption Gating. Nano Letters, 2013, 13, 2831-2836.	4.5	674
4	Air-Stable Surface Charge Transfer Doping of MoS <sub>2</sub> by Benzyl Viologen. Journal of the American Chemical Society, 2014, 136, 7853-7856.	6.6	593
5	Field-Effect Transistors Built from All Two-Dimensional Material Components. ACS Nano, 2014, 8, 6259-6264.	7.3	582
6	Strain-Induced Indirect to Direct Bandgap Transition in Multilayer WSe <sub>2</sub> . Nano Letters, 2014, 14, 4592-4597.	4.5	572
7	MoS <sub>2</sub> P-type Transistors and Diodes Enabled by High Work Function MoO <sub>x</sub> Contacts. Nano Letters, 2014, 14, 1337-1342.	4.5	487
8	Iterative expansion microscopy. Nature Methods, 2017, 14, 593-599.	9.0	279
9	Air Stable p-Doping of WSe <sub>2</sub> by Covalent Functionalization. ACS Nano, 2014, 8, 10808-10814.	7.3	208
10	Engineering Light Outcoupling in 2D Materials. Nano Letters, 2015, 15, 1356-1361.	4.5	138
11	Monolithic 3D CMOS Using Layered Semiconductors. Advanced Materials, 2016, 28, 2547-2554.	11.1	107
12	MoS <sub>2</sub> Heterojunctions by Thickness Modulation. Scientific Reports, 2015, 5, 10990.	1.6	93
13	Direct growth of single-crystalline III-V semiconductors on amorphous substrates. Nature Communications, 2016, 7, 10502.	5.8	45
14	Expansion Microscopy for Beginners: Visualizing Microtubules in Expanded Cultured HeLa Cells. Current Protocols in Neuroscience, 2020, 92, e96.	2.6	18