

# Bong Gyu Shin

## List of Publications by Year in descending order

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16  
papers

1,165  
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840776

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#	ARTICLE	IF	CITATIONS
1	Epitaxial Single-Crystal Growth of Transition Metal Dichalcogenide Monolayers via the Atomic Sawtooth Au Surface. <i>Advanced Materials</i> , 2021, 33, e2006601.	21.0	55
2	Synthesis of High-Performance Monolayer Molybdenum Disulfide at Low Temperature. <i>Small Methods</i> , 2021, 5, e2000720.	8.6	27
3	Atomic-registry-dependent electronic structures of sulfur vacancies in ReS <sub>2</sub> studied by scanning tunneling microscopy/spectroscopy. <i>Current Applied Physics</i> , 2019, 19, 224-229.	2.4	6
4	Single-Crystalline Monolayer Graphene Wafer on Dielectric Substrate of SiON without Metal Catalysts. <i>ACS Nano</i> , 2019, 13, 6662-6669.	14.6	15
5	Atomic and electronic structures of graphene-decorated graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> ) as a metal-free photocatalyst under visible-light. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117850.	20.2	19
6	Wafer-scale single-crystal hexagonal boron nitride film via self-collimated grain formation. <i>Science</i> , 2018, 362, 817-821.	12.6	336
7	Telluriding monolayer MoS <sub>2</sub> and WS <sub>2</sub> via alkali metal sputter. <i>Nature Communications</i> , 2017, 8, 2163.	12.8	87
8	Indirect Bandgap Puddles in Monolayer MoS <sub>2</sub> by Substrate-Induced Local Strain. <i>Advanced Materials</i> , 2016, 28, 9378-9384.	21.0	120
9	Absorption dichroism of monolayer 1Tâ€²-MoTe <sub>2</sub> in visible range. <i>2D Materials</i> , 2016, 3, 031010.	4.4	32
10	Wafer-Scale Single-Crystalline AB-Stacked Bilayer Graphene. <i>Advanced Materials</i> , 2016, 28, 8177-8183.	21.0	79
11	Visualizing Point Defects in Transition-Metal Dichalcogenides Using Optical Microscopy. <i>ACS Nano</i> , 2016, 10, 770-777.	14.6	58
12	Seamless Stitching of Graphene Domains on Polished Copper (111) Foil. <i>Advanced Materials</i> , 2015, 27, 1376-1382.	21.0	314
13	Spontaneous assembly of ordered atomic wires with a long interwire distance on a stepped atomic template. <i>Applied Physics Letters</i> , 2013, 102, 201611.	3.3	4
14	Quintuple-period Si atomic wires with alternative double and triple modulations by metal: Mg/Si(557). <i>Surface Science</i> , 2012, 606, 57-61.	1.9	1
15	Influence of orbital hybridization on the atomic and electronic structures in hydrogenated monolayer graphene. <i>Journal of the Korean Physical Society</i> , 2012, 60, 816-820.	0.7	1
16	Band engineering of bilayer graphene by metal atoms: First-principles calculations. <i>Applied Physics Letters</i> , 2010, 96, 231916.	3.3	11