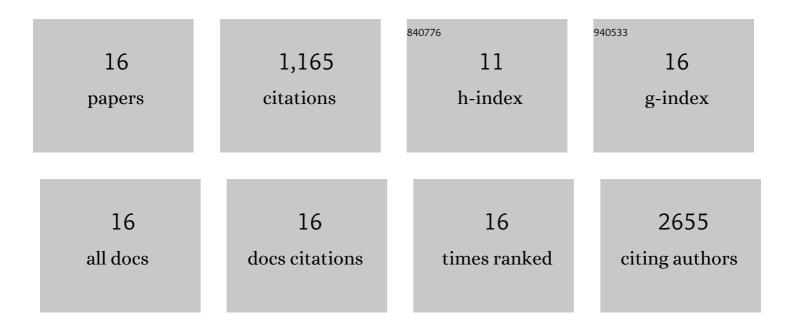
Bong Gyu Shin

List of Publications by Year in descending order

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RONG CVIL SHIN

#	Article	IF	CITATIONS
1	Wafer-scale single-crystal hexagonal boron nitride film via self-collimated grain formation. Science, 2018, 362, 817-821.	12.6	336
2	Seamless Stitching of Graphene Domains on Polished Copper (111) Foil. Advanced Materials, 2015, 27, 1376-1382.	21.0	314
3	Indirect Bandgap Puddles in Monolayer MoS ₂ by Substrateâ€Induced Local Strain. Advanced Materials, 2016, 28, 9378-9384.	21.0	120
4	Telluriding monolayer MoS2 and WS2 via alkali metal scooter. Nature Communications, 2017, 8, 2163.	12.8	87
5	Waferâ€Scale Singleâ€Crystalline ABâ€Stacked Bilayer Graphene. Advanced Materials, 2016, 28, 8177-8183.	21.0	79
6	Visualizing Point Defects in Transition-Metal Dichalcogenides Using Optical Microscopy. ACS Nano, 2016, 10, 770-777.	14.6	58
7	Epitaxial Singleâ€Crystal Growth of Transition Metal Dichalcogenide Monolayers via the Atomic Sawtooth Au Surface. Advanced Materials, 2021, 33, e2006601.	21.0	55
8	Absorption dichroism of monolayer 1T′-MoTe ₂ in visible range. 2D Materials, 2016, 3, 031010.	4.4	32
9	Synthesis of Highâ€Performance Monolayer Molybdenum Disulfide at Low Temperature. Small Methods, 2021, 5, e2000720.	8.6	27
10	Atomic and electronic structures of graphene-decorated graphitic carbon nitride (g-C3N4) as a metal-free photocatalyst under visible-light. Applied Catalysis B: Environmental, 2019, 256, 117850.	20.2	19
11	Single-Crystalline Monolayer Graphene Wafer on Dielectric Substrate of SiON without Metal Catalysts. ACS Nano, 2019, 13, 6662-6669.	14.6	15
12	Band engineering of bilayer graphene by metal atoms: First-principles calculations. Applied Physics Letters, 2010, 96, 231916.	3.3	11
13	Atomic-registry-dependent electronic structures of sulfur vacancies in ReS2 studied by scanning tunneling microscopy/spectroscopy. Current Applied Physics, 2019, 19, 224-229.	2.4	6
14	Spontaneous assembly of ordered atomic wires with a long interwire distance on a stepped atomic template. Applied Physics Letters, 2013, 102, 201611.	3.3	4
15	Quintuple-period Si atomic wires with alternative double and triple modulations by metal: Mg/Si(557). Surface Science, 2012, 606, 57-61.	1.9	1
16	Influence of orbital hybridization on the atomic and electronic structures in hydrogenated monolayer graphene. Journal of the Korean Physical Society, 2012, 60, 816-820.	0.7	1