

Bong Gyu Shin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4965965/publications.pdf>

Version: 2024-02-01

16
papers

1,165
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

2655
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer-scale single-crystal hexagonal boron nitride film via self-collimated grain formation. <i>Science</i> , 2018, 362, 817-821.	12.6	336
2	Seamless Stitching of Graphene Domains on Polished Copper (111) Foil. <i>Advanced Materials</i> , 2015, 27, 1376-1382.	21.0	314
3	Indirect Bandgap Puddles in Monolayer MoS ₂ by Substrate-Induced Local Strain. <i>Advanced Materials</i> , 2016, 28, 9378-9384.	21.0	120
4	Telluriding monolayer MoS ₂ and WS ₂ via alkali metal sputter. <i>Nature Communications</i> , 2017, 8, 2163.	12.8	87
5	Wafer-scale Single-Crystalline AB-Stacked Bilayer Graphene. <i>Advanced Materials</i> , 2016, 28, 8177-8183.	21.0	79
6	Visualizing Point Defects in Transition-Metal Dichalcogenides Using Optical Microscopy. <i>ACS Nano</i> , 2016, 10, 770-777.	14.6	58
7	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
8	Absorption dichroism of monolayer 1T-MoTe ₂ in visible range. <i>2D Materials</i> , 2016, 3, 031010.	4.4	32
9	Synthesis of High-Performance Monolayer Molybdenum Disulfide at Low Temperature. <i>Small Methods</i> , 2021, 5, e2000720.	8.6	27
10	Atomic and electronic structures of graphene-decorated graphitic carbon nitride (g-C ₃ N ₄) as a metal-free photocatalyst under visible-light. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117850.	20.2	19
11	Single-Crystalline Monolayer Graphene Wafer on Dielectric Substrate of SiON without Metal Catalysts. <i>ACS Nano</i> , 2019, 13, 6662-6669.	14.6	15
12	Band engineering of bilayer graphene by metal atoms: First-principles calculations. <i>Applied Physics Letters</i> , 2010, 96, 231916.	3.3	11
13	Atomic-registry-dependent electronic structures of sulfur vacancies in ReS ₂ studied by scanning tunneling microscopy/spectroscopy. <i>Current Applied Physics</i> , 2019, 19, 224-229.	2.4	6
14	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
15	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
16	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