

Seok-Kyun Son

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3050079/publications.pdf>

Version: 2024-02-01

15
papers

341
citations

1163117

8
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic phase separation in multilayer rhombohedral graphite. <i>Nature</i> , 2020, 584, 210-214.	27.8	81
2	Layer-engineered large-area exfoliation of graphene. <i>Science Advances</i> , 2020, 6, .	10.3	81
3	Dimensional reduction, quantum Hall effect and layer parity in graphite films. <i>Nature Physics</i> , 2019, 15, 437-442.	16.7	39
4	High-temperature electronic devices enabled by hBN-encapsulated graphene. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	32
5	Stacking transition in rhombohedral graphite. <i>Frontiers of Physics</i> , 2019, 14, 1.	5.0	28
6	Single-photon emission from single-electron transport in a SAW-driven lateral light-emitting diode. <i>Nature Communications</i> , 2020, 11, 917.	12.8	28
7	An Eco-friendly, CMOS-compatible Transfer Process for Large-scale CVD Graphene. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900084.	3.7	15
8	Controlled growth of in-plane graphene/h-BN heterostructure on a single crystal Ge substrate. <i>Applied Surface Science</i> , 2021, 554, 149655.	6.1	11
9	Quantized charge transport driven by a surface acoustic wave in induced unipolar and bipolar junctions. <i>Physical Review B</i> , 2019, 100, .	3.2	10
10	Substrate dependence of graphene reactivity towards hydrogenation. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	8
11	Properties of a Surface-Gate-Controlled Two-Dimensional Electron Gas in Undoped GaAs/AlGaAs Heterostructures. <i>Journal of the Korean Physical Society</i> , 2020, 76, 1083-1087.	0.7	3
12	One-pot size-controlled growth of graphene-encapsulated germanium nanocrystals. <i>Applied Surface Science</i> , 2018, 440, 553-559.	6.1	2
13	The roughening kinetics of hydrogenated graphene. <i>Scientific Reports</i> , 2018, 8, 8771.	3.3	1
14	Methane-Mediated Vapor Transport Growth of Monolayer WSe ₂ Crystals. <i>Nanomaterials</i> , 2019, 9, 1642.	4.1	1
15	Electronic-temperature estimation of Joule-heated graphene via Raman investigations. <i>Journal of the Korean Physical Society</i> , 2021, 78, 164-168.	0.7	1