

Seok-Kyun Son

List of Publications by Year in descending order

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15
papers

341
citations

1163117

8
h-index

996975

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g-index

15
all docs

15
docs citations

15
times ranked

645
citing authors

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