

Minsoo Kim

List of Publications by Year in descending order

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18
papers

685
citations

777949

13
h-index

993246

17
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19
all docs

19
docs citations

19
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Out-of-equilibrium criticalities in graphene superlattices. <i>Science</i> , 2022, 375, 430-433.	6.0	34
2	Gas permeation through graphdiyne-based nanoporous membranes. <i>Nature Communications</i> , 2022, 13, .	5.8	15
3	Gate-tunable quantum dot formation between localized-resonant states in a few-layer MoS ₂ . <i>Nanotechnology</i> , 2021, 32, 195207.	1.3	5
4	Long-range ballistic transport of Brown-Zak fermions in graphene superlattices. <i>Nature Communications</i> , 2020, 11, 5756.	5.8	25
5	Layer-engineered large-area exfoliation of graphene. <i>Science Advances</i> , 2020, 6, .	4.7	81
6	Control of electron-electron interaction in graphene by proximity screening. <i>Nature Communications</i> , 2020, 11, 2339.	5.8	46
7	Planar graphene Josephson coupling via van der Waals superconducting contacts. <i>Current Applied Physics</i> , 2019, 19, 251-255.	1.1	7
8	Giant oscillations in a triangular network of one-dimensional states in marginally twisted graphene. <i>Nature Communications</i> , 2019, 10, 4008.	5.8	67
9	Micromagnetometry of two-dimensional ferromagnets. <i>Nature Electronics</i> , 2019, 2, 457-463.	13.1	93
10	The interplay between Zeeman splitting and spin-orbit coupling in InAs nanowires. <i>Nanoscale</i> , 2018, 10, 23175-23181.	2.8	0
11	Strong Proximity Josephson Coupling in Vertically Stacked NbSe ₂ -Graphene-NbSe ₂ van der Waals Junctions. <i>Nano Letters</i> , 2017, 17, 6125-6130.	4.5	50
12	Propagation of superconducting coherence via chiral quantum-Hall edge channels. <i>Scientific Reports</i> , 2017, 7, 10953.	1.6	27
13	Valley-symmetry-preserved transport in ballistic graphene with gate-defined carrier guiding. <i>Nature Physics</i> , 2016, 12, 1022-1026.	6.5	56
14	Tuning Locality of Pair Coherence in Graphene-based Andreev Interferometers. <i>Scientific Reports</i> , 2015, 5, 8715.	1.6	7
15	BOUT++: Recent and current developments. <i>Journal of Plasma Physics</i> , 2015, 81, .	0.7	49
16	Quasi 3D ECE imaging system for study of MHD instabilities in KSTAR. <i>Review of Scientific Instruments</i> , 2014, 85, 11D820.	0.6	63
17	Study of MHD and turbulence via advanced 2D/3D Imaging Systems on KSTAR. , 2012, , .		0
18	Growth of Ga-doped ZnO nanowires by two-step vapor phase method. <i>Applied Physics Letters</i> , 2005, 86, 133107.	1.5	58