Minsoo Kim

List of Publications by Year
in descending order

18	685	687363 13	888059 17
papers	citations	h-index	g-index

19	19	19	1312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Out-of-equilibrium criticalities in graphene superlattices. Science, 2022, 375, 430-433.	12.6	34
2	Gas permeation through graphdiyne-based nanoporous membranes. Nature Communications, 2022, 13, .	12.8	15
3	Gate-tunable quantum dot formation between localized-resonant states in a few-layer MoS₂. Nanotechnology, 2021, 32, 195207.	2.6	5
4	Long-range ballistic transport of Brown-Zak fermions in graphene superlattices. Nature Communications, 2020, 11, 5756.	12.8	25
5	Layer-engineered large-area exfoliation of graphene. Science Advances, 2020, 6, .	10.3	81
6	Control of electron-electron interaction in graphene by proximity screening. Nature Communications, 2020, 11, 2339.	12.8	46
7	Planar graphene Josephson coupling via van der Waals superconducting contacts. Current Applied Physics, 2019, 19, 251-255.	2.4	7
8	Giant oscillations in a triangular network of one-dimensional states in marginally twisted graphene. Nature Communications, 2019, 10, 4008.	12.8	67
9	Micromagnetometry of two-dimensional ferromagnets. Nature Electronics, 2019, 2, 457-463.	26.0	93
10	The interplay between Zeeman splitting and spinâ€“orbit coupling in InAs nanowires. Nanoscale, 2018, 10, 23175-23181.	5.6	0
11	Strong Proximity Josephson Coupling in Vertically Stacked NbSe₂â€“Grapheneâ€“NbSe₂ van der Waals Junctions. Nano Letters, 2017, 17, 6125-6130.	9.1	50
12	Propagation of superconducting coherence via chiral quantum-Hall edge channels. Scientific Reports, 2017, 7, 10953.	3.3	27
13	Valley-symmetry-preserved transport in ballistic graphene with gate-defined carrierÂguiding. Nature Physics, 2016, 12, 1022-1026.	16.7	56
14	Tuning Locality of Pair Coherence in Graphene-based Andreev Interferometers. Scientific Reports, 2015, 5, 8715.	3.3	7
15	BOUT++: Recent and current developments. Journal of Plasma Physics, 2015, 81, .	2.1	49
16	Quasi 3D ECE imaging system for study of MHD instabilities in KSTAR. Review of Scientific Instruments, 2014, 85, 11D820.	1.3	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. Applied Physics Letters, 2005, 86, 133107.	3.3	58