Dong-Keun Ki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24 papers	1,120 citations	18 h-index	27 g-index
27 ext. papers	1,333 ext. citations	8.8 avg, IF	4.35 L-index

#	Paper	IF	Citations
24	Growth of Tellurium Nanobelts on h-BN for p-type Transistors with Ultrahigh Hole Mobility.. *Nano-Micro Letters*, **2022**, 14, 109	19.5	2
23	IP and OOP ferroelectricity in hexagonal In2Se3 nanoflakes grown by chemical vapor deposition. *Journal of Alloys and Compounds*, **2021**, 870, 159344	5.7	1
22	3D Nanoprinting of Perovskites. *Advanced Materials*, **2019**, 31, e1904073	24	37
21	A family of finite-temperature electronic phase transitions in graphene multilayers. *Science*, **2018**, 362, 324-328	33.3	19
20	Electron–hole collision limited transport in charge-neutral bilayer graphene. *Nature Physics*, **2017**, 13, 1207-1214	16.2	28
19	Controlling the Topological Sector of Magnetic Solitons in Exfoliated Cr_{1/3}NbS_{2} Crystals. *Physical Review Letters*, **2017**, 118, 257203	7.4	37
18	Origin and Magnitude of 'Designer' Spin-Orbit Interaction in Graphene on Semiconducting Transition Metal Dichalcogenides. *Physical Review X*, **2016**, 6,	9.1	97
17	Interaction-induced insulating state in thick multilayer graphene. *2D Materials*, **2016**, 3, 045014	5.9	15
16	Direct Observation of a Long-Range Field Effect from Gate Tuning of Nonlocal Conductivity. *Physical Review Letters*, **2016**, 117, 176601	7.4	16
15	Insulating state in tetralayers reveals an even-odd interaction effect in multilayer graphene. *Nature Communications*, **2015**, 6, 6419	17.4	38
14	Strong interface-induced spin-orbit interaction in graphene on WS2. *Nature Communications*, **2015**, 6, 8339	17.4	233
13	Observation of even denominator fractional quantum Hall effect in suspended bilayer graphene. *Nano Letters*, **2014**, 14, 2135-9	11.5	81
12	Random Strain Fluctuations as Dominant Disorder Source for High-Quality On-Substrate Graphene Devices. *Physical Review X*, **2014**, 4,	9.1	77
11	High-quality multiterminal suspended graphene devices. *Nano Letters*, **2013**, 13, 5165-70	11.5	23
10	A ballistic pn junction in suspended graphene with split bottom gates. *Applied Physics Letters*, **2013**, 102, 223102	3.4	72
9	Identification of a strong contamination source for graphene in vacuum systems. *Nanotechnology*, **2013**, 24, 405201	3.4	7
8	Crossover from Coulomb blockade to quantum Hall effect in suspended graphene nanoribbons. *Physical Review Letters*, **2012**, 108, 266601	7.4	25

7	Ballistic transport of graphene pnp junctions with embedded local gates. *Nanotechnology*, **2011**, 22, 415203	3.4	25
6	Spin relaxation properties in graphene due to its linear dispersion. *Physical Review B*, **2011**, 84,	3.3	53
5	Thermoelectric transport of massive Dirac fermions in bilayer graphene. *Physical Review B*, **2010**, 82,	3.3	51
4	Dependence of quantum-Hall conductance on the edge-state equilibration position in a bipolar graphene sheet. *Physical Review B*, **2010**, 81,	3.3	24
3	Quantum Hall resistances of a multiterminal top-gated graphene device. *Physical Review B*, **2009**, 79,	3.3	38
2	Observation of chiral quantum-Hall edge states in graphene. *Applied Physics Letters*, **2009**, 94, 162113	3.4	9
1	Inelastic scattering in a monolayer graphene sheet: A weak-localization study. *Physical Review B*, **2008**, 78,	3.3	111