

Dong-Keun Ki

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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	Strong interface-induced spin-orbit interaction in graphene on WS ₂ . <i>Nature Communications</i> , 2015 , 6, 8339	17.4	233
23	Inelastic scattering in a monolayer graphene sheet: A weak-localization study. <i>Physical Review B</i> , 2008 , 78,	3.3	111
22	Origin and Magnitude of Designer Spin-Orbit Interaction in Graphene on Semiconducting Transition Metal Dichalcogenides. <i>Physical Review X</i> , 2016 , 6,	9.1	97
21	Observation of even denominator fractional quantum Hall effect in suspended bilayer graphene. <i>Nano Letters</i> , 2014 , 14, 2135-9	11.5	81
20	Random Strain Fluctuations as Dominant Disorder Source for High-Quality On-Substrate Graphene Devices. <i>Physical Review X</i> , 2014 , 4,	9.1	77
19	A ballistic pn junction in suspended graphene with split bottom gates. <i>Applied Physics Letters</i> , 2013 , 102, 223102	3.4	72
18	Spin relaxation properties in graphene due to its linear dispersion. <i>Physical Review B</i> , 2011 , 84,	3.3	53
17	Thermoelectric transport of massive Dirac fermions in bilayer graphene. <i>Physical Review B</i> , 2010 , 82,	3.3	51
16	Insulating state in tetralayers reveals an even-odd interaction effect in multilayer graphene. <i>Nature Communications</i> , 2015 , 6, 6419	17.4	38
15	Quantum Hall resistances of a multiterminal top-gated graphene device. <i>Physical Review B</i> , 2009 , 79,	3.3	38
14	3D Nanoprinting of Perovskites. <i>Advanced Materials</i> , 2019 , 31, e1904073	24	37
13	Controlling the Topological Sector of Magnetic Solitons in Exfoliated Cr _{1/3} NbS ₂ Crystals. <i>Physical Review Letters</i> , 2017 , 118, 257203	7.4	37
12	Electron-Hole collision limited transport in charge-neutral bilayer graphene. <i>Nature Physics</i> , 2017 , 13, 1207-1214	16.2	28
11	Ballistic transport of graphene pnp junctions with embedded local gates. <i>Nanotechnology</i> , 2011 , 22, 415203	3.4	25
10	Crossover from Coulomb blockade to quantum Hall effect in suspended graphene nanoribbons. <i>Physical Review Letters</i> , 2012 , 108, 266601	7.4	25
9	Dependence of quantum-Hall conductance on the edge-state equilibration position in a bipolar graphene sheet. <i>Physical Review B</i> , 2010 , 81,	3.3	24
8	High-quality multiterminal suspended graphene devices. <i>Nano Letters</i> , 2013 , 13, 5165-70	11.5	23

7	A family of finite-temperature electronic phase transitions in graphene multilayers. <i>Science</i> , 2018 , 362, 324-328	33.3	19
6	Direct Observation of a Long-Range Field Effect from Gate Tuning of Nonlocal Conductivity. <i>Physical Review Letters</i> , 2016 , 117, 176601	7.4	16
5	Interaction-induced insulating state in thick multilayer graphene. <i>2D Materials</i> , 2016 , 3, 045014	5.9	15
4	Observation of chiral quantum-Hall edge states in graphene. <i>Applied Physics Letters</i> , 2009 , 94, 162113	3.4	9
3	Identification of a strong contamination source for graphene in vacuum systems. <i>Nanotechnology</i> , 2013 , 24, 405201	3.4	7
2	Growth of Tellurium Nanobelts on h-BN for p-type Transistors with Ultrahigh Hole Mobility.. <i>Nano-Micro Letters</i> , 2022 , 14, 109	19.5	2
1	IP and OOP ferroelectricity in hexagonal In_2Se_3 nanoflakes grown by chemical vapor deposition. <i>Journal of Alloys and Compounds</i> , 2021 , 870, 159344	5.7	1