

# Junji Haruyama

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Evidence for a quantum spin Hall phase in graphene decorated with Bi <sub>2</sub> Te <sub>3</sub> nanoparticles. <i>Science Advances</i> , 2018, 4, eaau6915.	4.7	36
2	Large edge magnetism in oxidized few-layer black phosphorus nanomeshes. <i>Nano Research</i> , 2017, 10, 718-728.	5.8	27
3	Meissner effect in honeycomb arrays of multiwalled carbon nanotubes. <i>Physical Review B</i> , 2007, 76, .	1.1	16
4	Injection of Cooper pairs into quasidiffusive multiwalled carbon nanotubes with weak localization. <i>Physical Review B</i> , 2003, 68, .	1.1	15
5	Spin-orbit interaction in Pt or Bi <sub>2</sub> Te <sub>3</sub> nanoparticle-decorated graphene realized by a nanoneedle method. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	13
6	Spontaneous spin polarization and spin pumping effect on edges of graphene antidot lattices. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2491-2496.	0.7	12
7	Superconductivity in Boron-Doped Carbon Nanotubes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 111-120.	0.8	10
8	Optoelectronic properties of laser-beam-patterned few-layer lateral MoS <sub>2</sub> Schottky junctions. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	9
9	Quantum-spin-Hall phases and 2D topological insulating states in atomically thin layers. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	8
10	Direct observation of transition from Tomonaga-Luttinger liquid states to superconductive phase in carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2299-2304.	1.3	7
11	Room-temperature quantum spin Hall phase in laser-patterned few-layer 1T'-MoS <sub>2</sub> . <i>Communications Materials</i> , 2020, 1, .	2.9	6
12	Correlation of Tomonaga-Luttinger liquid, superconductivity, and spin entanglement in carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 265-270.	0.7	5
13	Electron-Spin-Based Phenomena Arising from Pore Edges of Graphene Nanomeshes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1037-1043.	0.8	5
14	Proximity-induced superconductivity and its re-entrance effect in niobium/multi-walled carbon nanotube junctions. <i>Microelectronics Journal</i> , 2003, 34, 537-539.	1.1	4
15	High-T <sub>c</sub> superconductivity in entirely end-bonded multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3423-3429.	0.7	1
16	Edge-derived magnetisms in very thin non-doped Bi <sub>2</sub> Te <sub>3</sub> nanomesh. <i>Applied Physics Letters</i> , 2019, 115, 093101.	1.5	1
17	Abrupt Magnetoresistance Jumps Associated with Macroscopic Quantum Tunneling and Weak Localization in Ni Nanowire Arrays. <i>Physica Status Solidi A</i> , 2002, 189, 609-614.	1.7	0