Hong-Seok Kim

List of Publications by Year
in descending order

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15 papers	252 citations	1307594 7 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	623 citing authors

#	Article	IF	Citations
1	Hot Carrier Trapping Induced Negative Photoconductance in InAs Nanowires toward Novel Nonvolatile Memory. Nano Letters, 2015, 15, 5875-5882.	9.1	139
2	Quantum Electronic Transport of Topological Surface States in Î²-Ag₂Se Nanowire. ACS Nano, 2016, 10, 3936-3943.	14.6	24
3	Quantum electrical transport properties of topological insulator Bi 2 Te 3 nanowires. Current Applied Physics, 2016, 16, 51-56.	2.4	18
4	Strong Superconducting Proximity Effects in PbS Semiconductor Nanowires. ACS Nano, 2017, 11, 221-226.	14.6	16
5	Macroscopic Quantum Tunneling in Superconducting Junctions of Î²-Ag₂Se Topological Insulator Nanowire. Nano Letters, 2017, 17, 6997-7002.	9.1	10
6	Adjustable Quantum Interference Oscillations in Sb-Doped Bi₂Se₃ Topological Insulator Nanoribbons. ACS Nano, 2020, 14, 14118-14125.	14.6	10
7	Electrical detection of spin-polarized current in topological insulator Bi1.5Sb0.5Te1.7Se1.3. Current Applied Physics, 2019, 19, 917-923.	2.4	9
8	Superconducting quantum interference devices made of Sb-doped Bi2Se3 topological insulator nanoribbons. Current Applied Physics, 2020, 20, 680-685.	2.4	7
9	Gate-tunable superconducting quantum interference devices of PbS nanowires. Applied Physics Express, 2016, 9, 023102.	2.4	6
10	Quantum interference effects in chemical vapor deposited graphene. Current Applied Physics, 2016, 16, 31-36.	2.4	5
11	Zero bias conductance peak in InAs nanowire coupled to superconducting electrodes. Current Applied Physics, 2018, 18, 384-387.	2.4	3
12	Fabrication and characterization of PbIn-Au-PbIn superconducting junctions. Progress in Superconductivity and Cryogenics (PSAC), 2016, 18, 5-8.	0.3	3
13	Characterizing Pb-based superconducting thin films. Progress in Superconductivity and Cryogenics (PSAC), 2014, 16, 36-39.	0.3	2
14	Quantum Electronic Transport in (Bi$_{0.84}$Sb$_{0.16}$)$_2$Se$_3$ Topological Insulator Nanowire. New Physics: Sae Mulli, 2018, 68, 1041-1047.	0.1	0
15	Gate-Modulated Quantum Interference Oscillations in Sb-Doped Bi2Se3 Topological Insulator Nanoribbon. Journal of the Korean Physical Society, 2020, 77, 797-801.	0.7	0