# Hong-Seok Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3523903/publications.pdf

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