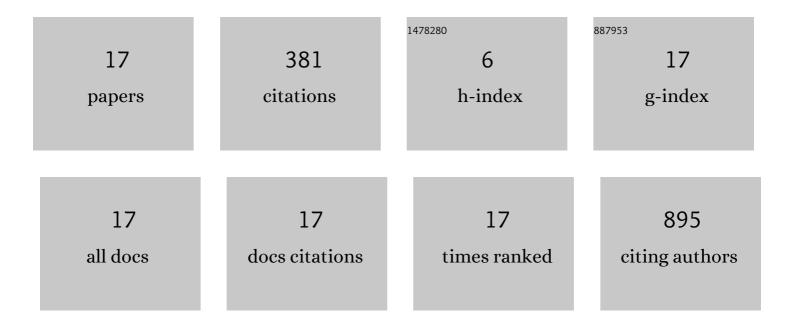
Sung Ho Jhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Supercollision cooling in undoped graphene. Nature Physics, 2013, 9, 109-112.	6.5	179
2	Engineering Optical and Electronic Properties of WS ₂ by Varying the Number of Layers. ACS Nano, 2015, 9, 6854-6860.	7.3	105
3	Semiconductor-less vertical transistor with ION/IOFF of 106. Nature Communications, 2021, 12, 1000.	5.8	18
4	SERS-Based Flavonoid Detection Using Ethylenediamine-β-Cyclodextrin as a Capturing Ligand. Nanomaterials, 2017, 7, 8.	1.9	17
5	Chemical Vapor-Deposited Vanadium Pentoxide Nanosheets with Highly Stable and Low Switching Voltages for Effective Selector Devices. ACS Applied Materials & Interfaces, 2018, 10, 42875-42881.	4.0	9
6	Effect of Al2O3 deposition on carrier mobility and ambient stability of few-layer MoS2 field effect transistors. Current Applied Physics, 2020, 20, 363-365.	1.1	9
7	Role of remote interfacial phonons in the resistivity of graphene. Applied Physics Letters, 2019, 115, .	1.5	8
8	Suspended MoTe2 field effect transistors with ionic liquid gate. Applied Physics Letters, 2021, 119, .	1.5	7
9	Patterning of periodic ripples in monolayer MoS2 by using laser irradiation. Journal of the Korean Physical Society, 2016, 69, 1505-1508.	0.3	6
10	Structural configurations and Raman spectra of carbon nanoscrolls. Nanotechnology, 2020, 31, 315707.	1.3	6
11	Nonuniform current distribution between individual layers of multilayer MoS2, experimentally approached by using a laser thinning technique. Journal of the Korean Physical Society, 2016, 69, 1497-1501.	0.3	5
12	Anomalous Current Decrease Under Illumination in Ambipolar Phototransistors Based on PTCDI 5 Crystals Embedded in C 8 â€BTBT Thin Film. Advanced Electronic Materials, 2021, 7, 2000973.	2.6	4
13	Atomic layer deposited Al ₂ O ₃ passivation layer for few-layer WS ₂ field effect transistors. Nanotechnology, 2021, 32, 505702.	1.3	3
14	Random telegraph noise in metallic single-walled carbon nanotubes. Applied Physics Letters, 2014, 104, 193102.	1.5	2
15	Fullerene peapods: In-situ conductivity study during synthesis. Journal of the Korean Physical Society, 2014, 64, 1774-1777.	0.3	1
16	Large Temperature-Independent Magnetoresistance without Gating Operation in Monolayer Graphene. ACS Applied Materials & Interfaces, 2020, 12, 53134-53140.	4.0	1
17	Schottky barrier diode based on multilayer MoTe\$\$_2\$\$ and the gate control of the direction of rectification. Journal of the Korean Physical Society, 2021, 78, 719-722.	0.3	1