Chaun Jang

List of Publications by Year
in descending order

16	3,754	933447 10	1058476 14
papers	citations	h-index	g-index

16	16	16	7081
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exchange Bias in Weakly Interlayer-Coupled van der Waals Magnet Fe₃GeTe₂. Nano Letters, 2021, 21, 1672-1678.	9.1	43
2	Surface oxidation in a van der Waals ferromagnet Fe3-xGeTe2. Current Applied Physics, 2021, 30, 40-45.	2.4	8
3	Controlling the Magnetic Anisotropy of the van der Waals Ferromagnet Fe₃GeTe₂ through Hole Doping. Nano Letters, 2020, 20, 95-100.	9.1	118
4	Electrical detection of the inverse Edelstein effect on the surface of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	4
5	Electrical detection of the surface spin polarization of the candidate topological Kondo insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	13
6	Electrical Observation of the Effective Mass in a Single-Crystal WTe2 Layer. Journal of the Korean Physical Society, 2019, 74, 154-158.	0.7	0
7	Anisotropic magnetoresistance in a Ni81Fe19/SiO2/Ca-Bi2Se3 hybrid structure. Thin Solid Films, 2019, 676, 87-91.	1.8	1
8	Optical control of the layer degree of freedom through Wannierâ€“Stark states in polar 3R MoS₂. Journal of Physics Condensed Matter, 2019, 31, 315502.	1.8	5
9	Electrical spin transport in cylindrical silicon nanowires with CoFeB/MgO contacts. Applied Physics Letters, 2017, 111, 062402.	3.3	2
10	All-Electrical Measurement of Interfacial Dzyaloshinskii-Moriya Interaction Using Collective Spin-Wave Dynamics. Nano Letters, 2016, 16, 62-67.	9.1	91
11	Hopping conduction in p-type MoS2 near the critical regime of the metal-insulator transition. Applied Physics Letters, 2015, 107, .	3.3	20
12	Enhancement of electric-field-induced change of magnetic anisotropy by interface engineering of MgO magnetic tunnel junctions. Journal Physics D: Applied Physics, 2015, 48, 225002.	2.8	15
13	Hydrodynamic Assembly of Conductive Nanomesh of Singleâ€Walled Carbon Nanotubes Using Biological Glue. Advanced Materials, 2015, 27, 922-928.	21.0	23
14	Doping against the Native Propensity of MoS₂: Degenerate Hole Doping by Cation Substitution. Nano Letters, 2014, 14, 6976-6982.	9.1	574
15	Spin nanoâ€“oscillatorâ€“based wireless communication. Scientific Reports, 2014, 4, 5486.	3.3	107
16	Intrinsic and extrinsic performance limits of graphene devices on SiO2. Nature Nanotechnology, 2008, 3, 206-209.	31.5	2,730