

Yi Hojoon

List of Publications by Year in descending order

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9
papers

140
citations

1478505

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1474206

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g-index

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all docs

9
docs citations

9
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Thickness-dependent carrier mobility of ambipolar MoTe ₂ : Interplay between interface trap and Coulomb scattering. Applied Physics Letters, 2017, 110, .	3.3	42
2	Suppression of Interfacial Current Fluctuation in MoTe ₂ Transistors with Different Dielectrics. ACS Applied Materials & Interfaces, 2016, 8, 19092-19099.	8.0	35
3	Tunable Mobility in Double-Gated MoTe ₂ Field-Effect Transistor: Effect of Coulomb Screening and Trap Sites. ACS Applied Materials & Interfaces, 2017, 9, 29185-29192.	8.0	31
4	Wiedemann-Franz law of Cu-coated carbon fiber. Carbon, 2020, 162, 339-345.	10.3	11
5	Graphene-CdSe quantum dot hybrid as a platform for the control of carrier temperature. FlatChem, 2017, 6, 77-82.	5.6	9
6	Gas adsorbates are Coulomb scatterers, rather than neutral ones, in a monolayer MoS ₂ field effect transistor. Nanoscale, 2018, 10, 10856-10862.	5.6	7
7	Thickness effect on low-power driving of MoS ₂ transistors in balanced double-gate fields. Nanotechnology, 2020, 31, 255201.	2.6	2
8	Enhanced Electron Heat Conduction in TaS ₃ 1D Metal Wire. Materials, 2021, 14, 4477.	2.9	2
9	Impact of Heat Treatment on a Hetero-Stacked MoS ₂ /h-BN Field-Effect Transistor. IEEE Electron Device Letters, 2019, 40, 1626-1629.	3.9	1