

Tian Shen

List of Publications by Year in descending order

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11
papers

344
citations

1478505

6
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantized Hall Effect and Shubnikovâ€™de Haas Oscillations in Highly Doped Bi_2Se_3 Evidence for Layered Transport of Bulk Carriers. Physical Review Letters, 2012, 108, 216803.	7.8	150
2	Topological insulator based spin valve devices: Evidence for spin polarized transport of spin-momentum-locked topological surface states. Solid State Communications, 2014, 191, 1-5.	1.9	59
3	Substrate engineering for high-performance surface-channel III-V metal-oxide-semiconductor field-effect transistors. Applied Physics Letters, 2007, 91, .	3.3	53
4	Quantum Hall effect on centimeter scale chemical vapor deposited graphene films. Applied Physics Letters, 2011, 99, 232110.	3.3	33
5	SYNTHETIC GRAPHENE GROWN BY CHEMICAL VAPOR DEPOSITION ON COPPER FOILS. International Journal of Modern Physics B, 2013, 27, 1341002.	2.0	30
6	A Realistic Method for Time-Dependent Dielectric Breakdown Reliability Analysis for Advanced Technology Node. IEEE Transactions on Electron Devices, 2016, 63, 755-759.	3.0	12
7	Charge transport model to predict dielectric breakdown as a function of voltage, temperature, and thickness. Microelectronics Reliability, 2018, 91, 232-242.	1.7	3
8	Characteristics of graphene for quantized hall effect measurements. , 2012, , .		2
9	Impact of electrode surface modulation on time-dependent dielectric breakdown. , 2015, , .		1
10	Method to Determine the Root Cause of Low- κ SiCOH Dielectric Failure Distributions. IEEE Electron Device Letters, 2017, 38, 119-122.	3.9	1
11	Pronounced quantum hall-effect on epitaxial graphene up to 70K. , 2009, , .		0