

Yen Chuang

List of Publications by Year in descending order

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9
papers

68
citations

1684188

5
h-index

2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Mobility Enhancement in GeSn n-Channel MOSFETs by Tensile Strain. IEEE Electron Device Letters, 2021, 42, 10-13.	3.9	14
2	Schottky Barrier Height Modulation of Metal/n-GeSn Contacts Featuring Low Contact Resistivity by in Situ Chemical Vapor Deposition Doping and NiGeSn Alloy Formation. ACS Applied Electronic Materials, 2021, 3, 1334-1340.	4.3	11
3	High-performance GeSn Electronic Devices and spin-orbit coupling in GeSn/Ge heterostructures. , 2021, , .		1
4	A High ION/IOFF Ratio of 6×10^5 in Germanium-Tin n+/p Junctions by Phosphorus Ion Implantation. , 2019, , .		0
5	High Dopant Activation of Phosphorus in Strained and Relaxed GeSn by Rapid Thermal Annealing and Microwave Annealing. , 2019, , .		1
6	Electron mobility enhancement in an undoped Si/SiGe heterostructure by remote carrier screening. Journal of Applied Physics, 2019, 125, .	2.5	12
7	High-Mobility GeSn n-Channel MOSFETs by Low-Temperature Chemical Vapor Deposition and Microwave Annealing. IEEE Electron Device Letters, 2018, 39, 468-471.	3.9	18
8	Temperature dependence of DC transport characteristics for a two-dimensional electron gas in an undoped Si/SiGe heterostructure. Applied Physics Letters, 2018, 112, .	3.3	9
9	GeSn N-FinFETs and NiGeSn contact formation by phosphorus implant. , 2017, , .		2