

# Yen Chuang

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Electron Mobility Enhancement in GeSn n-Channel MOSFETs by Tensile Strain. IEEE Electron Device Letters, 2021, 42, 10-13.	3.9	14
3	Electron mobility enhancement in an undoped Si/SiGe heterostructure by remote carrier screening. Journal of Applied Physics, 2019, 125, .	2.5	12
4	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
5	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
6	GeSn N-FinFETs and NiGeSn contact formation by phosphorus implant. , 2017, , .		2
7	High Dopant Activation of Phosphorus in Strained and Relaxed GeSn by Rapid Thermal Annealing and Microwave Annealing. , 2019, , .		1
8	High-performance GeSn Electronic Devices and spin-orbit coupling in GeSn/Ge heterostructures. , 2021, , .		1
9	A High ION/IOFF Ratio of $6 \times 10^5$ in Germanium-Tin n+/p Junctions by Phosphorus Ion Implantation. , 2019, , .		0