

Chiung-Hui Lai

List of Publications by Year in descending order

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12
papers

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citations

2682572

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2272923

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Surface State on Biochemical Sensing Using SiGe Nanowire. IEEE Transactions on Nanobioscience, 2015, 14, 334-338.	3.3	2
2	Self-Passivation by Fluorine Plasma Treatment and Low-Temperature Annealing in SiGe Nanowires for Biochemical Sensors. Journal of Nanoscience, 2014, 2014, 1-7.	2.6	0
3	Electrical properties of SiGe nanowire following fluorine/nitrogen plasma treatment. Applied Surface Science, 2014, 289, 581-585.	6.1	2
4	Low-temperature microwave annealing processes for future IC fabrication. , 2014, , .		0
5	Static solar concentrator with cascading and modified length right-angle prisms for building energy saving. WIT Transactions on Engineering Sciences, 2014, , .	0.0	0
6	Mathematical analysis of the static solar concentrator with cascading right-angle prisms. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
7	Low-Temperature Microwave Annealing for MOSFETs With High-k/Metal Gate Stacks. IEEE Electron Device Letters, 2013, 34, 1286-1288.	3.9	14
8	Impact of hydrogen dilution on optical properties of intrinsic hydrogenated amorphous silicon films prepared by high density plasma chemical vapor deposition for solar cell applications. Journal of Modern Optics, 2013, 60, 145-151.	1.3	0
9	Sensitivity enhancement in SiGe-on-insulator nanowire biosensor fabricated by top surface passivation. Micro and Nano Letters, 2012, 7, 729.	1.3	3
10	Effect of oxidation on SGOI nanowire biosensor fabrication using Ge condensation. , 2012, , .		0
11	Sensitivity enhancement in SGOI nanowire biosensor fabricated by top surface passivation. , 2012, , .		1
12	Oxidation and structure scheme studies for sensitivity improvement of Si _{1-x} Ge _x nanowire biosensor. , 2012, , .		0