Chiung-Hui Lai

List of Publications by Year
in descending order

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12	22	2682572 2	2272923 4
papers	citations	h-index	g-index

12	12	12	46
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-Temperature Microwave Annealing for MOSFETs With High-k/Metal Gate Stacks. IEEE Electron Device Letters, 2013, 34, 1286-1288.	3.9	14
2	Sensitivity enhancement in SiGe-on-insulator nanowire biosensor fabricated by top surface passivation. Micro and Nano Letters, 2012, 7, 729.	1.3	3
3	Electrical properties of SiGe nanowire following fluorine/nitrogen plasma treatment. Applied Surface Science, 2014, 289, 581-585.	6.1	2
4	Influence of Surface State on Biochemical Sensing Using SiGe Nanowire. IEEE Transactions on Nanobioscience, 2015, 14, 334-338.	3.3	2
5	Sensitivity enhancement in SGOI nanowire biosensor fabricated by top surface passivation. , 2012, , .		1
6	Effect of oxidation on SGOI nanowire biosensor fabrication using Ge condensation. , 2012, , .		0
7	Oxidation and structure scheme studies for sensitivity improvement of Si<inf>1â^'x</inf>Ge<inf>x</inf> nanowire biosensor. , 2012, , .		0
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	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
10	Low-temperature microwave annealing processes for future IC fabrication. , 2014, , .		0
11	Static solar concentrator with cascading and modified length right-angle prisms for building energy saving. WIT Transactions on Engineering Sciences, 2014, , .	0.0	0
12	Mathematical analysis of the static solar concentrator with cascading right-angle prisms. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0