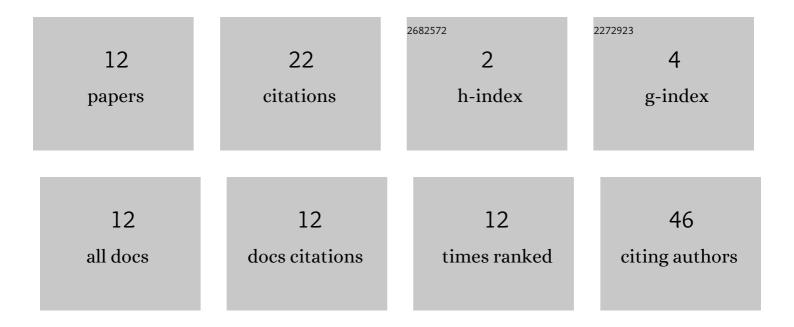
## Chiung-Hui Lai

List of Publications by Year in descending order

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CHUINC-HUILAI

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Low-Temperature Microwave Annealing for MOSFETs With High-k/Metal Gate Stacks. IEEE Electron<br>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<br>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<br>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<br>prepared by high density plasma chemical vapor deposition for solar cell applications. Journal of<br>Modern Optics, 2013, 60, 145-151. | 1.3 | 0         |
| 9  | Self-Passivation by Fluorine Plasma Treatment and Low-Temperature Annealing in SiGe Nanowires for<br>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<br>Transactions on Information and Communication Technologies, 2014, , .  | 0.0 | 0         |