

# ARTICULOS ARBITRADOS PUBLICADOS INTERNACIONALES Y NACIONALES

## ELECTRONICA

## CON PARTICIPACION DE ALUMNOS

## INTERNACIONAL

1. **J. A. Luna-López, M. Aceves-Mijares, Oleksandr Malik**, Richard Glaenger, "Modelling the C-V Characteristics of MOS Capacitor on High Resistivity Silicon Substrate for PIN photodetector applications" Revista Mexicana de Física S, Vol 52, No. 2, pp 45- 47 (2006).
2. Jesus Carrillo, **Rosa López-Estopier, Zhenrui Yu, Mariano Aceves**, "Charge trapping and carrier transport mechanism in silicon-rich silicon oxynitride",. Thin Solid Films Vol. 515, No. 4, pp 2366-2372 (2006).
3. **Marco Antonio Ipiña Cabrera, Zhenrui Yu, Mariano Aceves**, "Single electron charging and transport in silicon rich oxide". Nanotechnology 17 (2006) 3962–3967.
4. **Enrique Quiroga, and R. Lopez-Estopier, Zhenrui Yu, Mariano Aceves-Mijares**, "Structural and optical properties of Si/SiO<sub>2</sub> superlattices prepared by low pressure chemical vapor deposition", Journal Of Applied Physics 100, p.13524 (2006).
5. **A. Luna-López, M. Aceves-Mijares, O. Malik**, "Optical and electrical properties of silicon rich oxide films for optical sensors" k Sensors and Actuators A 132 p. 278–282 (2006).
6. **Víctor Champac, Roberto Gómez**, and Chuck Hawkins, "What Ever Happened to the Famous CMOS Stuck-Open Fault (aka - The Memory Fault)?", Electronic Device Failure Analysis, Vol. 8., No. 3, August 2006.
7. **A. Díaz-Sánchez**, J. García Aguirre, **C. Muñiz-Montero** y J. Martínez-Castillo, "Filtro de FI para un procesador GSM," Energía y Computación, No 24, pp. 1-6.
8. **V. Grimalsky, E. Gutiérrez-D., A. García-B.**, S. Koshevaya, "Resonant excitation of microwave acoustic modes in n-GaAs film". Microelectronics Journal, V.37, No 3, Pp.395-403, 2006 (United Kingdom, Elsevier Publ.).

9. S.V.Koshevaya, **V.V.Grimalsky**, **A.García-B.**, F. Díaz-A., “Amplification of Hypersonic by GaAs”. Ukrainian Physical Journal, V.51, No 6, Pp.593-597, 2006 (Kiev, Ukraine).
10. **P. Halevi**, **J. A. Reyes-Avendaño**, and J. A. Reyes-Cervantes, “Electrically tuned phase transition and band structure in a liquid-crystal-infilled photonic crystal”, Physical Review E 73,040701(Rapid Communication)(2006) - 4pp.
11. **A. Fernández Vázquez**, and **G. Jovanovic Dolecek**, “A New Method for the Design of IIR Filters With Flat Magnitude Response”, Journal *IEEE Transactions on Circuits and Systems, TCAS I: Regular Papers*, Vol. 53, No 8, August 2006, pp. 1761-1771.
12. **J. Plaza-Castillo**, N. Torres-López, **E. Tlelo-Cuautle**, **A. Torres-Jácome**, “Solution of the surface potential for silicon-semiconductors at high levels of concentrations and higher depths”, Sensing, Computing and Automation; An added volume of DCDIS Journal, Series B: Applications and Algorithms, Watam Press, Waterloo, pp. 1418-1422, ISSN: 1492-8760, 2006.