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Education

Cornell University	Ph.D., Electrical Engineering	2002
Purdue University	B.S. Physics	1997

Research Interest

Material science, Semiconductor physics and devices.

Selected Publications

- D. Crouse, Yu-Hwa Lo, A.E. Miller, M. Crouse, Self-ordered pore structure of anodized aluminum on silicon and pattern transfer, *Appl. Phys. Lett.*, 76, 49 (2000).
- Sundararajan, SP; Crouse, D; Lo, YH, Gallium nitride: Method of defect characterization by wet oxidation in an oxalic acid electrolytic cell, *J Vac Sci Technol B*, 20 (4): 1339-1341 (2002).
- D. Crouse, Surface Plasmon-Polaritons and Metal Insulator Metal Devices, Ph.D. Dissertation, January 2002.
- Chang, J.C.P.; Ye, J.; Melloch, M.R.; Crouse, D.T.; Nolte, D.D., Formation of elemental Ag precipitates in AlGaAs by ion implantation and thermal annealing, *Appl. Phys. Lett.*, v71, n24, 3501-3 (1997).
- Y.C. Zhou, Z.H. Zhu, D.Crouse, and Y.H. Lo, Electrical properties of wafer bonded GaAs/Si heterojunctions, *Appl. Phys. Lett.*, Vol. 73, No. 16, 2337-2339 (1998).