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**PUBLICATIONS**


M.A. Baldo and M. Segal, “Phosphorescence as a probe of exciton formation and energy transfer in organic light emitting diodes,” *physica status solidi (a)*, vol. 201, no. 6, pp. 1205-1214, May 2004.


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S.A. Benton and V.M. Bove, Jr., Holographic Imaging, New York: John Wiley & Sons, Inc., to be published.


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PUBLICATIONS


D.-H. Kim and J.A. del Alamo, “Beyond CMOS: Logic Suitability of In0.7Ga0.3As HEMTs,” in International Conference on Compound Semiconductor Manufacturing Technology, Vancouver, BC, April 2006, pp. 251-254.
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R. Haghgoie and P.S. Doyle, “MR fluid structure in quasi-2D,” 

J.M. Kim and P.S. Doyle, “Design and numerical simulation of a DNA electrophoretic stretching device,” 

G.C. Randall and P.S. Doyle, “Collision of a DNA polymer with a small obstacle,” 

A. Balducci, P. Mao, J. Han, and P.S. Doyle, “Double-Stranded DNA Diffusion in Slit-like Nanochannels,” 


P.T. Underhill and P.S. Doyle, “Alternative spring force law for bead-spring chain models of the worm-like chain,” 

D.C. Pregibon, M. Toner, and P.S. Doyle, “Magnetically and Biologically Active Bead-Patterned Hydrogels,” 


*Lab on a Chip*, vol. 6, no. 4, pp. 516-525, 2006.

R. Haghgoie, C. Li, and P.S. Doyle, “Experimental study of structure and dynamics in a monolayer of paramagnetic colloids confined by parallel hard walls,” 
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C. Ni Chléirigh, X. Wang, G. Rimple, Y. Wang, M. Canonico, N.D. Theodore, O.O. Olubuyide and J.L. Hoyt, “Laser Spike Annealing of Strained Si/Strained Si 0.3Ge 0.7/ Relaxed Si 0.7Ge 0.3 Dual Channel High Mobility p-MOSFETs,” in ECS Trans., vol. 3, no. 2, pp. 355-362, Oct., 2006.


G. Xia, O.O. Olubuyide, J.L. Hoyt, and M. Canonico, “Strain dependence of Si-Ge interdiffusion in epitaxial Si/Si1-yGey Layer Thickness and Composition on Hole Mobility Enhancement in Heterostructure p-MOSFETs with Ge Contents y from 0.7 to 1.0,” in ECS Trans., vol. 88, pp. 13507:1-3, Jan. 2006.


G. Xia, O.O. Olubuyide, J.L. Hoyt, and M. Canonico, “Strain dependence of Si-Ge interdiffusion in epitaxial Si/Si1-yGey Layer Thickness and Composition on Hole Mobility Enhancement in Heterostructure p-MOSFETs with Ge Contents y from 0.7 to 1.0,” in ECS Trans., vol. 88, pp. 13507:1-3, 2006.


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PUBLICATIONS


B.A. Wilhite, S.E. Weiss, J.Y. Ying, M.A. Schmidt, and K.F. Jensen, “High-purity hydrogen generation in a microfabricated 23 wt % Ag-Pd membrane device integrated with 8 : 1 LaNiO0.95Co0.05O3/Al2O3 catalyst,” Advanced Materials, vol. 18, pp. 1701-1704, 2006.


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PUBLICATIONS
M. Straayer and M.H. Perrott, “A 10-bit 20MHz 38mW 950MHz CT SD ADC with a 5-bit noise-shaping VCO-based Quantizer and DEM Circuit in 0.13u CMOS,” presented at the VLSI Circuits Symposium (VLSI), June 2007.


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PUBLICATIONS


B.A. Wilhite, S.E. Weiss, J.Y. Ying, M.A. Schmidt, and K.F. Jensen, “High-purity hydrogen generation in a microfabricated 23 wt % Ag-Pd membrane device integrated with 8:1 \( \text{LaNi}_{0.95}\text{Co}_{0.05}\text{Al}_{2} \) catalyst,” Advanced Materials, vol. 18, no. 13, pp. 1701-1710, July 2006.


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