

Stanford

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Ph.D. Student in Electrical Engineering, admitted Autumn 2013

Publications

PUBLICATIONS

- **A Fully Integrated 32 Gbps 2x2 LoS MIMO Wireless Link with UWB Analog Processing for Point-to-Point Backhaul Applications**
Sawaby, M., Grave, B., Jany, C., Chen, C., Kananian, S., Calascibetta, P., Giancesello, F., Arbabian, A., Hueber, G., Wang, H.
IEEE.2020: 107–10
- **Controlling properties of human neural progenitor cells using 2D and 3D conductive polymer scaffolds.** *Scientific reports*
Song, S., Amores, D., Chen, C., McConnell, K., Oh, B., Poon, A., George, P. M.
2019; 9 (1): 19565
- **A Compact 130GHz Fully Packaged Point-to-Point Wireless System with 3D-Printed 26dBi Lens Antenna Achieving 12.5Gb/s at 1.55pJ/b/m**
Dolatsha, N., Grave, B., Sawaby, M., Chen, C., Babveyh, A., Kananian, S., Bisognin, A., Luxey, C., Giancesello, F., Costa, J., Fernandes, C., Arbabian, A., IEEE
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- **Loss and Dispersion Limitations in mm-Wave Dielectric Waveguides for High-Speed Links** *IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY*
Dolatsha, N., Chen, C., Arbabian, A.
2016; 6 (4): 637-640
- **A Novel Programming Method for Multilevel RRAM Based on Pulse Width Modulation**
Chen, C., Cai, Y., Yin, S., Huang, R., Lin, Q., Claeys, C., Huang, D., Wu, H., Kuo, Y., Huang, R., Lai, K., Zhang, Y., Guo, et al
ELECTROCHEMICAL SOC INC.2013: 45–50
- **A TaOx based Threshold Switching Selector for the RRAM Crossbar Array Memory**
Huang, Y., Huang, R., Cai, Y., Wu, H., Yue, P., Zhang, Y., Chen, C., Wang, Y., IEEE
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