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❖ PUBLISHED WORK

Long-term stability of transparent n/p ZnO homojunctions grown by rf-sputtering at room-temperature

E. Aperathitis, V. Kampylafka, A. Kostopoulos, M. Modreanu, M. Schmidt, E. Gagaoudakis, K. Tsagaraki, V. Kontomitrou, G. Konstantinidis, G. Deligeorgis, G. Kiriakidis, Journal of Materiomics, Volume 5, Issue 3, September 2019, Pages 428-435, DOI: 10.1016/j.jmat.2019.02.006

SU-8 microneedles based dry electrodes for Electroencephalogram

G. Stavriniadis, K. Michelakis, V. Kontomitrou, G. Giannakakis, M. Sevrisianos, G. Sevrisianos, N. Chaniotakis, Y. Alifragis and G. Konstantinidis, Microelectronic Engineering, Volume 159, 15 June 2016, Pages 114-120, DOI: 10.1016/j.mee.2016.02.062

❖ PRESENTATIONS AT INTERNATIONAL CONFERENCES

Good Practices Towards Nanofabrication Cleanroom Sustainability

Kontomitrou, V., Lymperopoulou, S., Stavriniadis, G., Stavriniadis, A., Kostopoulos, A., Konstantinidis, G., & Michalas, L, 2025 International Semiconductor Conference (CAS), Sinaia, Romania, 2025, pp. 101-104, doi: 10.1109/CAS66707.2025.11222208

Hotspots identification in the avionic antenna industry from sustainability and circularity perspectives

Cano Santana, P. I., Kontomitrou, V., Stavriniadis, A., El Ghannudi, H., Farinelli, P., Martins, J. P., Konstantinidis, G., Caverio, G., Ziaei, A., openLCA.conference 2025, Berlin, April 10-11, 2025

Considering Sustainability in Nanofabrication Cleanrooms: Initial Thoughts to Accelerate the Concept

Kontomitrou, V., Lymperopoulou, S., Stavriniadis, G., Stavriniadis, A., Kostopoulos, A., Konstantinidis, G., & Michalas, L., MICRO & NANO 2024, Lemnos, October 11-13, 2024

Transforming GaN Nanocones into Uniform Nanowires-Advanced Etching Techniques for NW-FET Applications

A. Kostopoulos, K.Tsagaraki, A. Stavriniadis, A. Adikimenakis, V. Kontomitrou, N. Kornilios, A. Georgakilas, G. Konstantinidis, MICRO & NANO 2024, Lemnos, October 11-13, 2024

Cell compatibility study of SU-8 microneedles based wearable dry electrodes for electroencephalogram

G. Kaklamani, G. Stavrinidis, K. Michelakis, V. Kontomitrou, K. Tsagaraki, N. Kornilios, G. Konstantinidis, 45th International Conference on Micro & Nano engineering, September 2019, Rhodes, Greece

Sputtered ZnO nanostructure homojunctions fabricated on room temperature pre-patterned substrates

G. Deligeorgis, V. Kampylafka, A. Kostopoulos, M. Modreanu, M. Schmidt, E. Gagaoudakis, K. Tsagaraki, V. Kontomitrou, G. Konstantinidis, G. Kiriakidis, E. Aperathitis, 45th International Conference on Micro & Nano Engineering (MNE 2019), 23-26 September 2019, Rhodes Greece

Functional metal oxides for smart and energy autonomous windows

V. Kampylafka, I. Kortidis, A. Kostopoulos, K. Tsagaraki, V. Kontomitrou, G. Konstantinidis, G. Deligeorgis, E. Gagaoudakis, G. Michail, G. Kiriakidis, M. Modreanu, M. Schmidt, E. Aperathitis, Silver Jubilee Assembly of Advanced Materials Congress, 24-27 March 2019, Stockholm, Sweden

Technology roadmap towards flexible power RF transceivers

G. Stavrinidis, V. Kontomitrou, A. Ziaei, Th. Kehagias, G.P. Dimitrakopoulos, Ph. Komninou G. Konstantinidis
International conference on extended defects in semiconductors (EDS 2018), 24-29 June 2018, Thessaloniki, Greece

Airborne Microbial Concentrations and PM10 Levels in Air Conditioned Offices

V. Kontomitrou, A. Maragkou, M. Lazaridis, M. Vrachopoulos, and E. Katsivela, E-Proceedings of the European Aerosol Conference 2008 (EAC 2008), Thessaloniki, Greece, Abstract T02A113P
